

MedGenome_Bhubaneswar

Test Code	TAT	Test Name	Gene list	Specimen Type	Category	Methodology
MGM3448	50 days	GNAS MS-MLPA		Chorionic Villus Sample,DNA (POC),Amniotic fluid,Cord blood,DIRECT DNA,Product of conception,Cord Tissue / Umbilical Cord,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM3444	10 days	HBB Amplicon Sequencing TRIO (Expedited TAT)		Peripheral Blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM3442	12 days	Karyotyping (Constitutional) reflex KaryoSeq [Whole Genome Sequencing based Chromosomal Abnormality Detection] For Postnatal Specimens		Bone marrow aspirate in Heparin,Peripheral Blood in Heparin,Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA		Karyotyping/Cytogenetics
MGM3441	15 days	TumourTrack - Comprehensive Tumor Panel (SNVs, Indels, CNVs and Fusions) (Expedited TAT)		FFPE slides,FFPE	Genomic Tests	Next Generation Sequencing
MGM3440	15 days	TumourTrack Advance - Comprehensive Tumor Panel + Microsatellite Instability (MSI) test (Expedite TAT)		FFPE,FFPE curls	Genomic Tests	Combo test
MGM3437	14 days	LHON hotspot mutation testing		Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM3436	1 day	HPV Screening Panel		Cervical mucus,Cervical cells,FFPE,PLASMA	Genomic Tests	Qualitative RT-PCR
MGM3435	30 days	EDNRB Del/Dup Analysis by MLPA		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM3434	15 days	Karyotyping (Amniotic fluid/CVS) reflex MCC with KaryoSeq (in case of culture failure)		Amniotic fluid,Peripheral Blood in EDTA,Maternal blood only,Chorionic Villus Sample		Karyotyping/Cytogenetics
MGM3433	10 days	HLA DQ2 & DQ8 haplotype screening for celiac disease		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM3432	14 days	(Combo) Whole Exome Sequencing + Karyotrack [SNP based Chromosomal Microarray] Analysis + Fragile X Syndrome Analysis by PCR		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Combo test
MGM3431	14 days	(Combo) Whole Exome Sequencing + Chromosomal Microarray - Affymetrix Cytoscan Optima low resolution genechip Analysis + Fragile X Syndrome Analysis by PCR		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Combo test
MGM3430	14 days	(Combo) Whole Exome Sequencing + Chromosomal Microarray - Affymetrix Cytoscan 750K genechip Analysis + Fragile X Syndrome Analysis by PCR		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Combo test
MGM3417	14 days	TRIO - Whole exome sequencing (80-100x) + Couple carrier Analysis		Peripheral Blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM3416	14 days	TRIO ExomeMAX (Whole Exome Sequencing) + Couple carrier Analysis		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM3406	28 days	Carrier Screening Platinum - Single sample		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Combo test

MGM3405	1 day	Flu - RSV Panel		Nasopharyngeal swab,Nasopharyngeal and Oropharyngeal Swab	Genomic Tests	Multiplex PCR
GES030	14 days	LIPIDGEN		SALIVA,Peripheral Blood in EDTA	Genomic Tests	Whole genome genotyping array
MGM3378	5 days	Pan- TRK IHC BY VENTANA		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM3377	5 days	Fluid Cytology		Pleural Fluid,Body Fluid	Non-Genomic Tests	Histopathology
MGM3376	5 days	Extra-Large Biopsy for Histopathology with Fluid Cytology (if required)		Body Fluid,Extra-large Tissue Biopsy	Non-Genomic Tests	Histopathology
MGM3375	4 days	ER, PR, Her2 (For Non-Breast Tissues)		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM3344	7 days	DPYD genotyping for *2A, *13, 2846A>T, HapB3		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Real time taqnam Assay
MGM3339	6 days	Lymphoma Fish panel (BCL2, BCL6, MYC -BA)		Cell Pellet,Bone marrow aspirate in Heparin,Peripheral Blood in Heparin	Non-Genomic Tests	FISH
MGM3330	21 days	Whole Genome Sequencing (30X, PCR free)		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM3329	14 days	Advanced Breast Cancer gene Panel by NGS - Tumour Biopsy	PTEN,ESR1,AKT	FFPE	Genomic Tests	Next Generation Sequencing
MGM3328	14 days	Advanced Breast Cancer gene Panel by NGS - Liquid Biopsy	PTEN,PIK3CA,E	Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM3327	14 days	(Combo) Comprehensive Leukemia Panel + FLT3 by Sanger		Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Combo test
MGM3326	14 days	[Combo] Aneuploidy by QF-PCR with MCC + Karyotrack [SNP based Chromosomal Microarray]		Cord Tissue / Umbilical Cord,Peripheral Blood in EDTA,Chorionic Villus Sample,Cardiac Blood,Product of conception,Amniotic fluid,Fetal DNA,Cord blood,DNA (POC)	Genomic Tests	Combo test
MGM3325	14 days	(Combo) Monogenic Parkinson Disease Panel by NGS & MLPA		Peripheral Blood in EDTA,DIRECT DNA,Bone Marrow Aspirate in EDTA	Genomic Tests	Combo test
MGM3317	48 Hours	Alpha Feto Protein- Blood/ Amniotic Fluid		Maternal blood only,Amniotic fluid	Non- Genomic	OTHERS
MGM3315	19 days	GBA gene analysis by amplicon sequencing		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM3314	14 days	CYP3A4 and CYP3A5 gene mutation analysis by NGS		DIRECT DNA,Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Genomic Tests	Next Generation Sequencing
MGM3311	10 days	(Combo) Karyoseq with MCC (Subsidised Test)		Product of conception,Cord Tissue / Umbilical Cord,Amniotic fluid,Peripheral Blood in EDTA,Cardiac Blood,Fetal DNA,Cord blood,DNA (POC),Chorionic Villus Sample	Genomic Tests	Combo test
MGM3309	21 days	OncoTrack CGP (Liquid Biopsy)		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM3307	19 days	Pseudohypoaldosteronism Panel		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM3300	14 days	Whole Exome Sequencing & Mitochondrial Genome Sequencing (Expedited TAT) Reflex Sanger Validation (1 Variant) For Proband & Parents		Peripheral Blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM3299	14 days	Whole Exome Sequencing (Expedited TAT) Reflex Sanger Validation (1 Variant) For Proband & Parents		Amniotic fluid,Cord Tissue / Umbilical Cord,Cord blood,Product of conception,Chorionic Villus Sample,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM3297	7 days	Urine Organic Acid Analysis by GCMS		Dried Urine spots	Non- Genomic	OTHERS
MGM3296	28 days	Whole Genome Sequencing (30x) [SNVs, InDels], CNVs & Structural Variants by OGM		Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM3295	14 days	Optical Genome Mapping- SVs		Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM3294	21 days	ExomeMAX reflex Whole Genome Sequencing (30x)		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM3254	1 day	Respiratory viral pathogen panel		BAL,Nasopharyngeal and Oropharyngeal Swab,ET-secretions	Genomic Tests	Multiplex PCR
MGM3240	14 days	Endometrial Cancer Molecular Classification Panel		FFPE	Genomic Tests	Combo test
MGM3239	14 days	Endometrial Cancer Basic NGS Panel		FFPE	Genomic Tests	Next Generation Sequencing
MGDL047	15 days	(Combo) Amniotic Fluid karyotyping + FISH (5 probes - 13,18,21, sex chromosome)		Amniotic fluid	Non-Genomic Tests	Combo test
MGM3238	4 days	IHC for p53		Amniotic fluid	Non-Genomic Tests	Immuno Histo Chemistry
MGDL046	3 days	FISH(5 probes-13,18,21,sex chromosomes)		Amniotic fluid	Non-Genomic Tests	FISH
MGDL045	15 days	Amniotic fluid Karyotyping		Amniotic Fluid		Karyotyping/Cytogenetics
MGM3237	5 days	Raw Data Analysis for Chromosomal Microarray		Raw Data	Non-Genomic Tests	Chromosomal Analysis
MGM3236	14 days	Whole Genome Sequencing of Non-Tuberculous Mycobacteria (NTM)		Culture Isolate	Genomic Tests	Next Generation Sequencing
MGM3217	14 days	BRAF Gene Analysis by NGS		FFPE	Genomic Tests	Next Generation Sequencing
MGM3216	14 days	Lung Cancer NGS Panel (18 Genes) & PDL 1 IHC Analysis (Clone SP142)		FFPE	Genomic Tests/ Non- Genom	Combo test
MGM3215	14 days	Lung Cancer NGS Panel (18 Genes) & PDL 1 IHC Analysis (Clone SP263)		FFPE	Genomic Tests/ Non- Genom	Combo test
MGM3214	14 days	Lung Cancer NGS Panel (18 Genes)		FFPE	Genomic Tests	Next Generation Sequencing
MGM3213	14 days	Lung Cancer Panel (16 Genes) – Liquid Biopsy		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGDL044	6 days	FISH for iAMP21,ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL043	6 days	FISH for TCRA/D (14q11.2) gene rearrangement, ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL042	6 days	FISH for ETV6-RUNX1 t(12;21)(p13;q22), ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL041	6 days	FISH for E2A (19p13.3) Translocation, ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL040	6 days	FISH for Acute Lymphoid Leukemia(ALL), 6 Markers		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL039	6 days	FISH for C-MYC (8q24) Translocation, ALL)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH

MGDL038	6 days	FISH for ALL Panel (4 markers-E2A Breakapart, t(12;21), BCR-ABL, MLL)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL037	6 days	FISH for ALL Panel (All markers- MLL, iAMP21/ETV6-RUNX1, TCRA/D,BCR-ABL, C-Myc, IGH BA, E2A Breakapart)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM3207	1 day	Febrile Neutropenia Panel		Peripheral Blood in EDTA	Genomic Tests	Multiplex PCR
MGM3206	1 day	Comprehensive Transplant panel		Peripheral Blood in EDTA	Genomic Tests	Qualitative RT-PCR
MGM3205	2 days	MCC Reflex Karyotrack (SNP based Chromosomal Microarray]		Fetal DNA,Cord Tissue / Umbilical Cord,Product of conception,Cord blood,Maternal blood only,Amniotic fluid	Genomic Tests	Fragment Analysis
MGM3204	14 days	Aneuploidy (with MCC) reflex Clinical Exome Sequencing + Karyotrack [SNP based Chromosomal Microarray]		Chorionic Villus Sample,Product of conception,Cord blood,Fetal DNA,Amniotic fluid,Cord Tissue / Umbilical Cord,Maternal blood only	Genomic Test	Combo test
MGM3203	14 days	MCC reflex Clinical Exome Sequencing + Karyotrack [SNP based Chromosomal Microarray]		Chorionic Villus Sample,Product of conception,Amniotic fluid,Cord Tissue / Umbilical Cord,Cord blood,Maternal blood only	Genomic Test	Combo test
MGM3202	14 days	(Combo) Clinical Exome Sequencing + Karyotrack [SNP based Chromosomal Microarray]		Peripheral Blood in EDTA,DIRECT DNA	Genomic Test	Combo test
MGM3201	14 days	(Combo) ExomeMax (Enhanced Whole Exome +Mitochondrial Genome Sequencing) + Karyotrack [SNP based Chromosomal Microarray]		Peripheral Blood in EDTA,Product of conception,Cord blood,DIRECT DNA,Fetal DNA,Chorionic Villus Sample,DNA (POC),Amniotic fluid,Cord Tissue / Umbilical Cord	Genomic Test	Combo test
MGM3200	14 days	(Combo) Whole Exome Sequencing (WES) + Karyotrack [SNP based Chromosomal Microarray]		Peripheral Blood in EDTA,DNA (POC),DIRECT DNA,Chorionic Villus Sample,Product of conception,Amniotic fluid,Fetal DNA	Genomic Test	Combo test
MGM3199	14 days	MCC reflex ExomeMax (Enhanced Whole Exome +Mitochondrial Genome Sequencing) + Karyotrack [SNP based Chromosomal Microarray]		Product of conception,Amniotic fluid,Cord Tissue / Umbilical Cord,Peripheral Blood in EDTA,Cord blood,Maternal blood only,Chorionic Villus Sample	Genomic Test	Combo test
MGM3198	14 days	MCC reflex Whole Exome Sequencing (WES) + Karyotrack [SNP based Chromosomal Microarray]		Peripheral Blood in EDTA,Cord blood,Maternal blood only,Chorionic Villus Sample,Product of conception,DNA (POC),Amniotic fluid,Fetal DNA,Cord Tissue / Umbilical Cord	Genomic Test	Combo test
MGM3197	14 days	Colorectal Cancer Panel (Liquid Biopsy)		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM3117	1 day	Sepsis- AMR Panel		Tracheal Aspirate,Peripheral Blood in EDTA,ET-secretions,Bronchial Wash,BAL	Genomic Tests	Qualitative RT-PCR

MGM2862	10 days	Chromosomal Microarray - Affymetrix Cytoscan Optima low resolution genechip reflex Raw data sharing		Cord Tissue / Umbilical Cord,Amniotic fluid,Cord blood,DIRECT DNA,Product of conception,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Microarray
MGM2861	10 days	Chromosomal Microarray - Affymetrix Cytoscan 750K genechip reflex Raw data sharing		Cord blood,Product of conception,Peripheral Blood in EDTA,Chorionic Villus Sample,Cord Tissue / Umbilical Cord,Amniotic fluid	Genomic Tests	Microarray
GES028	28 days	myTrueAge		Peripheral Blood in EDTA	Genomic Tests	Whole genome genotyping array
MGM2853	1 day	Pan Candida/Aspergillus RT-PCR		Cerebrospinal fluid,Ocular Fluid,PLASMA	Genomic Tests	Qualitative RT-PCR
MGM2852	1 day	[Combo] Pan-bacterial PCR and Pan-fungal PCR		Cerebrospinal fluid,Ocular Fluid,PLASMA	Genomic Test	Combo test
MGM2846	12 days	KaryoSeq [Whole Genome Sequencing based Chromosomal Abnormality Detection] with Karyotyping (Postnatal Samples only)		Peripheral Blood in Heparin,Peripheral Blood in EDTA	Genomic Test	Combo test
MGM2845	10 days	KaryoSeq [Whole Genome Sequencing based Chromosomal Abnormality Detection] For Postnatal Specimens		Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2813	10 days	[Combo] Aneuploidy by QF-PCR with MCC + KaryoSeq [Low Pass Whole Genome Sequencing based Chromosomal Abnormality Detection]		Peripheral Blood in EDTA,Product of conception,Chorionic Villus Sample,Amniotic fluid	Genomic Test	Combo test
GES027	14 days	Genesense Package 5- Blood		Peripheral Blood in EDTA	Genomic Test	Combo test
MGM2796	5 days	HER2/neu for Colonic Carcinoma by IHC		Tissue Biopsy,FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM2793	21 days	Familial Erythrocytosis Panel		Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2791	5 days	Neonatal Biotinidase		FTA Card (Dried Blood Spots)	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2790	5 days	Neonatal Total Galactose		FTA Card (Dried Blood Spots)	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2789	5 days	Neonatal hTSH		FTA Card (Dried Blood Spots)	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2788	5 days	Neonatal17a-OH-progesterone		FTA Card (Dried Blood Spots)	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2787	5 days	Neonatal Phenylalanine (PKU)		FTA Card (Dried Blood Spots)	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2786	5 days	Neonatal G6PD		FTA Card (Dried Blood Spots)	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2785	5 days	Neonatal IRT		FTA Card (Dried Blood Spots)	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2782	5 days	HER2/neu for Gastric Carcinoma by IHC		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
GES024	14 days	Genesense Package-2 - Blood		Peripheral Blood in EDTA	Genomic Test	Combo test
GES023	14 days	Genesense Package-1 - Blood		Peripheral Blood in EDTA	Genomic Test	Combo test
GES022	14 days	Genesense Package-4 - Blood		Peripheral Blood in EDTA	Genomic Test	Combo test
GES018	14 days	Genesense Package-3 - Blood		Peripheral Blood in EDTA	Genomic Test	Combo test

MGM2780	1 day	Parvovirus Quantitative PCR		PLASMA,Peripheral Blood in EDTA,Amniotic fluid	Genomic Tests	Quantitative RT-PCR
MGM2779	10 days	Microphotograph - IHC & Histopathology (Academic)		Not Applicable	Non-Genomic Tests	OTHERS
MGM2777	10 days	[Combo] KaryoSeq [Low Pass Whole Genome Sequencing based Chromosomal Abnormality Detection] with MCC		Cord Tissue / Umbilical Cord,Product of conception,Peripheral Blood in EDTA,Amniotic fluid,DNA (POC),Fetal DNA,Cord blood,Chorionic Villus Sample	Genomic Test	Combo test
MGM2776	18 days	NUDT15 Gene Sequencing and Analysis		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM2772	14 days	Liquid Biopsy NGS Panel (SNVs, InDels & Fusions)		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM2771	1 day	Respiratory panel + Pneumocystis jirovecii combo Qualitative PCR		Endotracheal Aspirate, Sputum	Genomic Tests	Qualitative RT-PCR
MGM2770	1 day	Pneumocystis jirovecii Qualitative PCR		Endotracheal Aspirate, Sputum, Cerebrospinal fluid	Genomic Tests	Qualitative RT-PCR
MGM2769	5 days	FISH for Comprehensive Multiple myeloma with reflex Common IGH Breakapart (CCND1, MAF, MAFB, FGFR3)		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGDL035	5 days	FISH for Multiple myeloma with Plasma Enrichment-Six Markers with CKS1B (1q gain/amplification)		Peripheral Blood in Heparin	Non-Genomic Tests	FISH
MGM2768	7 days	HLA Typing High resolution (any one marker)		Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGDL036	5 days	FISH for Multiple myeloma with Plasma Enrichment-Gain/amplification/Monosome for Chromosome 1 (single marker)		Peripheral Blood in Heparin	Non-Genomic Tests	FISH
MGM2766	2 days	Nucleic Acid (Both DNA & RNA) Isolation & Storage		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA,Tissue in RNA later	Genomic Test	Combo test
MGM2762	1 day	Post Transplant viral Panel		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM2761	10 days	KaryoSeq [Low Pass Whole Genome Sequencing based Chromosomal Abnormality Detection] with Prenatal Cell culture (if Required)		Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM2759	1 day	VZV Qualitative PCR		Peripheral Blood in EDTA	Genomic Tests	Qualitative RT-PCR
MGM2758	14 days	KaryoTrack [SNP based Chromosomal Microarray] with Prenatal Cell culture (if Required)		Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Microarray
MGM2757	5 days	Mismatch repair genes defect analysis (dMMR) by IHC [MLH1, MLH2, MSH6 & PMS2]		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM2754	10 days	KaryoSeq [Low Pass Whole Genome Sequencing based Chromosomal Abnormality Detection] for Prenatal Specimens		DIRECT DNA,Product of conception,Peripheral Blood in EDTA,Chorionic Villus Sample,Cultured Cells,Amniotic fluid,Fetal DNA	Genomic Tests	Next Generation Sequencing
MGM2753	1 day	JC/BK Qualitative PCR		Peripheral Blood in EDTA	Genomic Tests	Multiplex PCR
MGM2752	1 day	JC/BK Quantitative PCR		Peripheral Blood in EDTA	Genomic Tests	Quantitative RT-PCR

MGM2751	1 day	EBV Quantitative PCR		Peripheral Blood in EDTA	Genomic Tests	Quantitative RT-PCR
MGM2750	1 day	EBV Qualitative PCR		Peripheral Blood in EDTA	Genomic Tests	Qualitative RT-PCR
MGM2749	1 day	CMV Quantitative PCR		Peripheral Blood in EDTA	Genomic Tests	Quantitative RT-PCR
MGM2748	14 days	Iduronate 2-sulfatase (IDS) gene deletion duplication analysis		DIRECT DNA,Product of conception,Peripheral Blood in EDTA,Amniotic fluid,Chorionic Villus Sample,DNA (POC)	Genomic Tests	MLPA
GES017	14 days	Genessense Premium		Peripheral Blood in EDTA,SALIVA	Genomic Test	Combo test
GES016	14 days	Genessense Advanced		DIRECT DNA,Peripheral Blood in EDTA,SALIVA	Genomic Test	Combo test
GES015	14 days	Genessense Expert		Peripheral Blood in EDTA	Genomic Test	Combo test
GES014	14 days	Neurosense		SALIVA,Peripheral Blood in EDTA	Genomic Test	Combo test
GES013	14 days	Oncosense		Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
GES012	14 days	Carriergen		Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
GES011	14 days	Alzheimer's disease		SALIVA,Peripheral Blood in EDTA	Genomic Tests	Whole genome genotyping array
MGM2742	2 days	Urinary Tract Infection Panel		Urine	Genomic Tests	Multiplex PCR
GES010	14 days	FITGEN		SALIVA,Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Whole genome genotyping array
MGM2741	14 days	KaryoTrack [SNP based Chromosomal Microarray]		Cord blood,Peripheral Blood in EDTA,Product of conception,Chorionic Villus Sample,Cord Tissue / Umbilical Cord,Amniotic fluid	Genomic Tests	Microarray
MGM2735	2 days	Prostatitis panel		Peripheral Blood in EDTA	Genomic Tests	Multiplex PCR
MGM2734	14 days	Acute Myeloid Leukemia (AML) MRD by NGS - SNVs & Indels		Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM2733	14 days	Acute Myeloid Leukemia (AML) MRD by NGS - Fusions		Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2732	14 days	ESR1 gene testing by NGS -Liquid Biopsy (Hot Spot Mutations)		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM2731	14 days	TRIO ExomeMAX (Enhanced Whole Exome +Mitochondrial Genome Sequencing)		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2722	12 days	Fetal Cord Blood / Cardiac Karyotyping		Fetal cord blood in Heparin,Fetal Cardiac blood Heparin		Karyotyping/Cytogenetics
GES009	14 days	DIABETOGEN		SALIVA,Peripheral Blood in EDTA	Genomic Tests	Whole genome genotyping array
GES008	14 days	PARKINSON'S DISEASE		SALIVA,Peripheral Blood in EDTA	Genomic Tests	Whole genome genotyping array
GES007	14 days	VISIGEN		Peripheral Blood in EDTA,SALIVA	Genomic Tests	Whole genome genotyping array
GES006	14 days	HYPERSENSE		SALIVA,Peripheral Blood in EDTA	Genomic Tests	Whole genome genotyping array
MGM2721	1 day	Mini Transplant Panel		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR

MGM2720	7 days	HLA Typing High resolution Single Marker- HLA DPA1		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2719	56 days	FSHD1 repeat contraction testing		Peripheral Blood in EDTA	Genomic Tests	OTHERS
MGM2718	14 days	Oncotrack Advance -Liquid Biopsy NGS test (SNVs, InDels and Fusions)		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM2715	7 days	Immunotyping/ Immunofixation Electrophoresis (IFE), Serum		SERUM	Non-Genomic Tests	OTHERS
MGM2714	1 day	Protein Electrophoresis Quantitative, Serum		SERUM	Non-Genomic Tests	OTHERS
MGM2712	2 days	[Hb+]- Newborn Screening(NBS) for Hemoglobinopathies		Dried Blood spots(FTA Cards) & POC,FTA Card (Dried Blood Spots)	Non-Genomic Tests	HPLC
MGM2711	2 days	[BIO 4]- Newborn Screening(NBS) - Package 4 (Includes Screening of 4 disorders)		FTA Card (Dried Blood Spots),Dried Blood spots(FTA Cards) & POC	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2710	2 days	[BIO 5]- Newborn Screening(NBS) - Package 5 (Includes Screening of 5 disorders)		Dried Blood spots(FTA Cards) & POC,FTA Card (Dried Blood Spots)	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2709	2 days	[BIO 6]- Newborn Screening(NBS) - Package 6 (Includes Screening of 6 disorders)		FTA Card (Dried Blood Spots),Dried Blood spots(FTA Cards) & POC	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2708	2 days	[BIO 7]- Newborn Screening(NBS) - Package 7 (Includes Screening of 7 disorders)		Dried Blood spots(FTA Cards) & POC,FTA Card (Dried Blood Spots)	Non-Genomic Tests	Time Resolved Fluoro immuno Assay
MGM2707	2 days	(MS)-Newborn Screening(NBS) - Package 3 (Includes Screening of 55 disorders)		Dried Blood spots(FTA Cards) & POC,FTA Card (Dried Blood Spots)	Non-Genomic Tests	Tandem Mass Spectrometry
MGM2706	2 days	(FS)- Newborn Screening(NBS) - Package 2 (Includes Screening of 60 disorders)		FTA Card (Dried Blood Spots),Dried Blood spots(FTA Cards) & POC	Non-Genomic Tests	Combo test
MGM2705	2 days	(FS+) - Newborn Screening(NBS) - Package 1 (Includes Screening of 61 disorders)		Dried Blood spots(FTA Cards) & POC,FTA Card (Dried Blood Spots)	Non-Genomic Tests	Combo test
MGM2704	2 days	(Hb+FS+) - Newborn Screening(NBS) - comprehensive Panel		FTA Card (Dried Blood Spots),Dried Blood spots(FTA Cards) & POC	Non-Genomic Tests	Combo test
MGM2703	14 days	Alpha Thalassemia (HBA1 & HBA2) deletion/duplication analysis by MLPA		DIRECT DNA	Genomic Tests	MLPA
MGM2693	7 days	Protein Electrophoresis Quantitative with Immunotyping, Serum		SERUM	Non-Genomic Tests	OTHERS
MGM2691	12 days	Global Screening Array (GSA)- Only Raw Data Sharing		DIRECT DNA,SALIVA	Genomic Tests	OTHERS
MGM2690	5 days	CDKN2A/B del by FISH		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin,FFPE	Non-Genomic Tests	FISH
MGM2689	10 days	LungTrack Advance - Liquid Biopsy test by NGS (SNV's, InDel's & Fusions) [Expedited TAT]		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM2688	24 Hours	Hemoglobinopathy by Capillary Electrophoresis		Peripheral Blood in EDTA	Non-Genomic Tests	Capillary Electrophoresis
MGM2687	14 days	Combo-ExomeMit-Clinical Exome & Whole Mitochondrial genome sequencing (ONLY RAW DATA (Only FASTQ)NO CLINICAL REPORT)		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2686	14 days	Whole Mitochondrial genome sequencing (ONLY RAW DATA (Only FASTQ), NO CLINICAL REPORT)		Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2684	10 days	Oncoscan CNV Array		DIRECT DNA	Genomic Tests	Microarray
MGM2683	14 days	EVC1 and EVC2 deletion/duplication analysis by MLPA		Peripheral blood in EDTA	Genomic Tests	MLPA

MGM2682	10 days	Raw data analysis (fastq to reporting) for whole genome sequencing		RAW DATA	Genomic Tests	Next Generation Sequencing
MGM2681	7 days	Raw data analysis (VCF to reporting) for whole genome sequencing		RAW DATA	Genomic Tests	Next Generation Sequencing
MGM2680	5 days	FISH for Multiple myeloma with Plasma Enrichment-Six Markers with CKS1B (1q gain/amplification)		Peripheral Blood in Heparin	Non-Genomic Tests	FISH
MGM2679	18 days	FISH (T21,T18,T13, SCA) Positive reflex Karyotyping / FISH Negative reflex MCC- CMA analysis 750K		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM2678	4 days	Her2- Breast		FFPE Block & Slide,FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM2677	4 days	ER, PR, Her2 (For Carcinoma Breast)		FFPE Block & Slide,FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM2676	4 days	ER, PR		FFPE,FFPE Block & Slide	Non-Genomic Tests	Immuno Histo Chemistry
MGM2675	4 days	ER, PR, Her2, Ki-67		FFPE Block & Slide,FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM2652	18 days	FISH (T21,T18,T13, SCA) Positive reflex Karyotyping / FISH Negative reflex MCC- CMA analysis optima (315K)		Peripheral blood in EDTA & Peripheral blood in Heparin	Non-Genomic Tests	OTHERS
MGM2651	18 days	Combo - FISH for 5 Probes with Karyotyping reflex CMA 750K (In case of culture failure in KT)		Amniotic Fluid, CVS	Non-Genomic Tests	Combo test
MGM2650	18 days	Combo - FISH for 5 Probes with Karyotyping reflex CMA Optima (In case of culture failure in KT)		Bone marrow aspirate in Heparin,Chorionic Villus Sample,Bone Marrow Aspirate in EDTA,Amniotic fluid,Peripheral Blood in Heparin	Non-Genomic Tests	Combo test
MGM2649	14 days	Minimal Residual Disease (MRD) by NGS in Solid Tumours (Liquid Biopsy)		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM2634	21 days	Comprehensive Ophthalmic genetic Disorder Panel		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2633	21 days	Reanalysis-Carrier screening		Peripheral Blood in EDTA	Genomic Tests	OTHERS
MGM2631	7 days	Raw data analysis (VCF to reporting) for exome		Raw Data	Genomic Tests	OTHERS
MGM2629	2 days	Bone Marrow Aspiration Morphology		Bone Marrow Aspirate in EDTA,Unstained Slides (BMA)	Non-Genomic Tests	Pathology
MGM2628	10 days	TRIO - Rapid Exome Sequencing		Peripheral blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2627	10 days	Rapid Exome Sequencing		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2626	14 days	CYP2D6 CNV Analysis by Taqman Assay		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Quantitative RT-PCR
MGM2625	14 days	Karyotyping (Constitutional) - 21to 50 Metaphases		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin		Karyotyping/Cytogenetics
MGM2624	72 Hours	Pre-eclampsia Screening		SERUM	Non-Genomic Tests	OTHERS
MGM2623	14 days	LungTrack Advance - Liquid Biopsy test by NGS (SNVs, InDels & Fusions)		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM2622	10 days	Non-Invasive PGT-A (niPGT) - 6 Embryos		Spent Culture Media	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM2621	10 days	Non-Invasive PGT-A (niPGT)- 5 Embryos		Spent Culture Media	Genomic Tests	Pre-Implantation Genetic Screening Test

MGM2620	10 days	Non-Invasive PGT-A (niPGT) - 4 Embryos		Spent Culture Media	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM2619	10 days	Non-Invasive PGT-A (niPGT) - 3 Embryos		Spent Culture Media	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM2618	10 days	Non-Invasive PGT-A (niPGT)- 2 Embryos		Spent Culture Media	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM2617	10 days	Non-Invasive PGT-A (niPGT)- 1 Embryo		Spent Culture Media	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM2616	21 days	Pre-PGD + PGD by Sanger (1 known variants) parents, 1 reference & embryos - 6 Embryos		Peripheral Blood in EDTA,Trophectoderm	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM2615	6 days	FISH for MDS (4 markers)		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGM2614	10 days	Karyotyping (Leukemia)		Bone marrow aspirate in Heparin,Peripheral Blood in Heparin		Karyotyping/Cytogenetics
MGM2613	6 days	FISH for inv(16)/t(16;16)(p13.1;q22), AML		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGM2612	6 days	FISH for PML-RARA t(15;17)(q24,q21), AML		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGM2611	6 days	FISH for RUNX1-RUNX1T1 t(8;21)(q22;q22), AML		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGM2610	12 days	Karyotyping (Non-Leukemia)		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin		Karyotyping/Cytogenetics
MGM2609	6 days	FISH for Trisomy 8 /c-myc amplification, MDS/AML/ALL		Bone marrow aspirate in Heparin,Peripheral Blood in Heparin	Non-Genomic Tests	FISH
MGM2608	6 days	FISH for BCR-ABL t(9;22)(q34;q11.2), AML/CML/MPN		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGM2607	6 days	FISH for del20q , MDS/AML		Bone marrow aspirate in Heparin,Peripheral Blood in Heparin	Non-Genomic Tests	FISH
MGM2606	6 days	FISH for Deletion 5/5q (5q31,5q33), MDS/AML		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGM2605	6 days	FISH for Deletion 7/7q (7q22,7q31), MDS/AML/CML/JMML		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGM2604	4 days	Comprehensive Myeloma Panel		SERUM	Non-Genomic Tests	Combo test
MGM2603	14 days	Leukemia MRD (Minimal Residual Disease) Test by NGS - Fusions		Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2602	13 days	ClonoSeq ID & MRD (Combo)		FFPE curls,Bone Marrow Biopsy Tissue,TISSUE SLIDES,FFPE Block & Slide,Peripheral Blood in EDTA,FFPE slides,FFPE,Bone Marrow Aspirate in EDTA,FFPE DNA,Tissue	Genomic Test	Combo test
MGM2596	12 days	Raw Data Sharing- Microarray Analysis		Not Applicable	Genomic Tests	Microarray
MGM2594	21 days	Pre-PGD + PGD by Sanger (4 known variants) parents, 1 reference & embryos - 2 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test

MGM2593	14 days	AML/MDS Comprehensive Genomic Profiling (Karyotyping +NGS (41 genes) +FISH (All 8 markers))		Bone marrow aspirate in Heparin,DIRECT DNA,Bone Marrow Aspirate in EDTA,Peripheral Blood in Heparin,Peripheral Blood in EDTA	Genomic Test/ Non- Genom	Combo test
MGM2592	14 days	AML/MDS Genomic Profiling (Karyotyping +NGS (41 genes)+FISH (Any 5 markers))		Peripheral Blood in Heparin,Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA,DIRECT DNA,Bone marrow aspirate in Heparin	Genomic Test/ Non- Genom	Combo test
MGM2591	5 days	FISH for Multiple Myeloma IGH translocations with Plasma Enrichment (Any one Marker) (t(14;16) IGH/MAF,IGH/FGFR3, IGH/CCND1, IGH/MAFB, IGH/CCND3)		Peripheral Blood in Heparin,Cell Pellet,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGM2590	5 days	FISH for Multiple Myeloma-Comprehensive Panel with Plasma Enrichment (DEL17, DEL13, MYC-Breakapart Probe, Hyper diploidy(5p15/9q22/15q22), CKS1B (1q gain/amplification), & IGH-Breakapart Probe		Peripheral Blood in Heparin,Cell Pellet,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGM2589	5 days	FISH for Multiple Myeloma (Any one Marker) with Plasma Enrichment (DEL17, DEL13, MYC-Breakapart Probe, Hyper diploidy(5p15/9q22/15q22), CKS1B (1q gain/amplification), & IGH-Breakapart Probe		Cell Pellet,Bone marrow aspirate in Heparin,Peripheral Blood in Heparin	Non-Genomic Tests	FISH
MGM2588	5 days	FISH for Multiple Myeloma(Any two Markers) with Plasma Enrichment (DEL17, TRISOMY 12/DEL13, MYC-Breakapart Probe, Hyper diploidy(5p15/9q22/15q22), CKS1B (1q gain/amplification), & IGH-Breakapart Probe		Cell Pellet,Bone marrow aspirate in Heparin,Peripheral Blood in Heparin	Non-Genomic Tests	FISH
MGM2582	14 days	Endometrial Cancer panel by NGS + dMMR by IHC		Tissue in RNA later,FFPE Block & Slide,FFPE slides,FFPE,FFPE DNA,FFPE curls	Genomic Test/ Non- Genom	Combo test
MGM2581	14 days	Endometrial Cancer gene panel (SNVs, InDels & Fusions)		FFPE DNA,FFPE curls,Tissue in RNA later,FFPE Block & Slide,FFPE slides,FFPE	Genomic Tests	Next Generation Sequencing
MGM2580	14 days	ALK gene mutation test		FFPE	Genomic Tests	Next Generation Sequencing
MGM2577	3 days	cfDNA isolation from Liquid Biopsy		Blood in streck tube		DNA Extraction
MGM2576	1 day	COVID Flu Panel		Nasopharyngeal and Oropharyngeal Swab,BAL	Genomic Tests	Multiplex PCR
MGM2572	19 days	ExomeMAX (Enhanced Whole Exome +Mitochondrial Genome Sequencing)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM2571	21 days	Recurrent pregnancy loss genetic risk assessment panel		Peripheral blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2564	1 day	Meningoencephalitis Panel		Cerebrospinal fluid	Genomic Tests	Multiplex PCR
MGM2563	1 day	Flu panel		Nasopharyngeal swab,Nasopharyngeal and Oropharyngeal Swab	Genomic Tests	Multiplex PCR
MGM2561	5 days	HISTOPATHOLOGY EXAMINATION OF BONE MARROW BIOPSY		Bone Marrow Biopsy	Non-Genomic Tests	Histopathology
MGM2556	14 days	Non-Invasive Fetal Rhesus (RhD) Genotyping		Blood in streck tube	Genomic Tests	Quantitative RT-PCR

MGM2555	2 days	Slides/FFPE Blocks Return within India		FFPE	Non-Genomic Tests	OTHERS
MGM2552	5 days	DIAGNOSTIC IHC-FINAL DIAGNOSIS PANEL		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM2548	5 days	DIAGNOSTIC IHC- 3 to 5 MARKER WITH Interpretation		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM2547	5 days	DIAGNOSTIC IHC- 2 MARKERS		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM2546	5 days	DIAGNOSTIC IHC- 1 MARKER		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM2545	6 days	EXTRA LARGE BIOPSY FOR HISTOPATHOLOGY		Biopsy	Non-Genomic Tests	Histopathology
MGM2544	5 days	LARGE BIOPSY FOR HISTOPATHOLOGY		Biopsy	Non-Genomic Tests	Histopathology
MGM2543	4 days	MEDIUM BIOPSY FOR HISTOPATHOLOGY		Biopsy	Non-Genomic Tests	Histopathology
MGM2542	3 days	SMALL BIOPSY FOR HISTOPATHOLOGY		Biopsy	Non-Genomic Tests	Histopathology
MGM2541	14 days	Trio- Reanalysis		Raw Data	Genomic Tests	OTHERS
MGM2540	8 days	Spinal Muscular Atrophy (SMN1/SMN2) deletion/duplication analysis [Expedited TAT]		Cord Tissue / Umbilical Cord,DIRECT DNA,Product of conception,Cord blood,Peripheral Blood in EDTA,Fetal DNA,Chorionic Villus Sample,DNA (POC),Amniotic fluid	Genomic Tests	MLPA
MGM2539	12 days	Curegen- Clinical		Peripheral blood in EDTA	Genomic Tests	OTHERS
MGM2538	21 days	Thyroid Nodule Prognostication NGS Panel		Tissue in RNA later,FFPE	Genomic Tests	Next Generation Sequencing
MGDL034	5 days	IGH/CCND3-Multiple Myeloma- With Plasma cell enrichment		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL033	3 days	FISH for t(14;20), IGH/MAFB,MM		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL032	6 days	FISH for IGH (14q32) Gene rearrangement, Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL031	6 days	FISH for C-MYC (8q24) Translocation, Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL030	6 days	FISH for deletion 13q(13q14.2, 13q34), MM [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL029	6 days	FISH for Deletion 17p(TP53), Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL028	5 days	FISH for CLL Panel (6 markers- Del6q, Del 17p, Del13q,ATM deletion/trisomy 11, Trisomy 12, IGH rearrangement)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL027	5 days	FISH for Chronic Lymphoid Leukemia panel (4 markers-Del 17p,Trisomy 11, trisomy 12 and del 13q)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL026	6 days	FISH for Myeloma Panel (4 markers)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL025	5 days	FISH for Chronic Lymphoid Leukemia Panel (5 markers-Del 6q, del 11q - ATM deletion, Trisomy 12,del 13q,del 17q)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL024	6 days	FISH for 6q deletion, CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL023	6 days	FISH for Trisomy 12, CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL022	6 days	FISH for Trisomy 11, CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL021	3 days	FISH for IGH (14q32) Gene rearrangement, CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH

MGDL020	5 days	FISH for MDS (4 markers)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL019	5 days	FISH for Multiple Myeloma (5 markers)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL018	3 days	FISH for IGH /MAF t(14;16)(q32;q23), Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL017	3 days	FISH for IGH/FGFR3 t(4;14)(p16;q32), Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL016	3 days	FISH for IGH/CCND1 t(11;14)(q13;q32), Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL015	5 days	FISH for MDS (All markers (8))		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL014	3 days	FISH for PML-RARA t(15;17)(q24,q21), AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL013	10 days	Karyotyping (Leukemia)		Bone Marrow Aspirate in Heparin		Karyotyping/Cytogenetics
MGDL012	12 days	Karyotyping (Non-Leukemia)		Peripheral blood in Heparin		Karyotyping/Cytogenetics
MGDL011	3 days	FISH for Deletion 17p(TP53), CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL010	3 days	FISH for deletion 13q(13q14.2, 13q34), CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL009	3 days	FISH for BCR-ABL t(9;22)(q34;q11.2), AML/CML/MPN		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL008	3 days	FISH for MLL(11q23) Breakapart, AML/MLL/MDS		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL007	5 days	FISH for MDS (ANY 3 markers- Inv 3, del 5/5q, del 7/7q, Trisomy 8, MLL, DE1 13q, Del 17p, Del 20q)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL006	5 days	FISH for MDS(ANY 5 markers - Inv 3, del 5/5q, del 7/7q, Trisomy 8, MLL, DE1 13q, Del 17p, Del 20q)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL005	3 days	FISH for Inv(3) (MECOM, 3q26) gene rearrangement, MDS/AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL004	3 days	FISH for Trisomy 8, MDS/AML/ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL003	6 days	FISH for del20q , MDS/AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL002	3 days	FISH for Deletion 5/5q (5q31,5q33), MDS/AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGDL001	6 days	FISH for Deletion 7/7q (7q22,7q31), MDS/AML/CML/JMML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM2534	14 days	Leukemia MRD (Minimal Residual Disease) Test by NGS - SNVs and InDels		FFPE curls, FFPE Block & Slide, FFPE, FFPE slides	Genomic Tests	Next Generation Sequencing
MGM2533	10 days	AIIMS - TRIO WES Raw data sharing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM2529	14 days	Colorectal advanced panel by NGS & Microsatellite Instability (MSI) by fragment analysis		Peripheral Blood in EDTA, FFPE Block & Slide, FFPE slides, FFPE, FFPE DNA, FFPE curls	Genomic Test	Combo test
MGM2527	12 days	Clinical exome (only data upload in MedG interpretation tool/ no clinical reporting) [Expedited TAT]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM2522	14 days	ITS1 metagenomics test for fungus		Urine, PLASMA, Peripheral Blood in EDTA, Ocular Fluid, Cerebrospinal fluid	Genomic Tests	Next Generation Sequencing

MGM2521	14 days	16S-V3V4 metagenomics test for bacteria		Direct DNA, Culture isolate	Genomic Tests	Next Generation Sequencing
MGM2520	12 days	CYP2C19 Clopidogrel resistance (All CPIC alleles)		Peripheral blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2517	24 Hours	Dual markers (Biochemical Only) (PAPP, Free-Beta HCG)		Serum	Non-Genomic Tests	OTHERS
MGM2515	14 days	Soft Tissue Sarcoma Panel (SNVs, InDels and Fusions)		Tissue in RNA later, FFPE	Genomic Tests	Next Generation Sequencing
MGM2470	21 days	Glaucoma gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM2469	48 Hours	Triple Marker screening (AFP, HCG, uE3)		Serum	Non-Genomic Tests	OTHERS
MGM2468	2 days	Acute Myeloid Leukemia - Minimal Residual Disease (AML-MRD)		Bone Marrow Aspirate in EDTA, Peripheral blood in EDTA	Non-Genomic Tests	Flowcytometry
MGM2466	28 days	Whole genome sequencing (30x) [REFLEX] Sanger Validation - 1 variant		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM2465	72 Hours	Enhanced - First Trimester Quadruple Screening (AFP, PAPP-A, Free B HCG, PIGF) with Pre-eclampsia		Serum	Non-Genomic Tests	OTHERS
MGM2464	14 days	SGRH Carrier screening - Platinum (without MLPA)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM2463	21 days	Clinical exome (only data upload in MedG interpretation tool/ no clinical reporting)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM2458	28 days	Kardiogen-BMI-Microbiome test		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Whole genome genotyping array
MGM2457	14 days	Friedreich ataxia (FXN) - Repeat expansion analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Fragment Analysis
MGM2456	14 days	Huntington's disease (HTT) - Repeat expansion analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Fragment Analysis
MGM2455	14 days	Liquid Biopsy NGS test (SNVs and Indels) -15 Homologous Recombination Repair (HRR) pathway genes including BRCA1/2		Blood in Streck tube	Genomic Tests	Next Generation Sequencing
MGM2454	14 days	VHL - Somatic testing		FFPE	Genomic Tests	Next Generation Sequencing
MGM2453	14 days	Tumour NGS Panel - 4 genes (EGFR, KRAS, NRAS & BRAF)		Tissue in RNA later,FFPE	Genomic Tests	Next Generation Sequencing
MGM2450	12 days	Comprehensive Leukemia Panel (SNVs, InDels, CNVs & Fusions)		FFPE,Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2449	48 Hours	Quadruple test with reflex NIPT		Serum & Blood in Streck tube	Non- Genomic /Genomic Te	OTHERS
MGM2448	24 Hours	First trimester screening with reflex NIPT		Serum & Blood in Streck tube	Non- Genomic /Genomic Te	OTHERS
MGM2447	72 Hours	First Trimester screening with Pre-eclampsia risk (BetaHCG, PAPP-A, PIGF)		Serum	Non-Genomic Tests	OTHERS
MGM2446	48 Hours	Quadruple screening (AFP, BetaHCG, UE3, Inhibin A)		Serum	Non-Genomic Tests	OTHERS
MGM2445	24 Hours	First Trimester screening (BetaHCG, PAPP-A)		Serum	Non-Genomic Tests	OTHERS
MGM2443	4 days	Slides / Block Review - > 5 slides / block		FFPE	Non-Genomic Tests	Histopathology
MGM2442	4 days	Slides / Block Review - up to 3-5 slides / block		FFPE	Non-Genomic Tests	Histopathology

MGM2441	4 days	Slides / Block Review - up to 2 slides / block		FFPE	Non-Genomic Tests	Histopathology
MGM2437	14 days	HRR gene panel & [Reflex] Germline Mutation Test		FFPE & Peripheral blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM2436	14 days	PRKN gene deletion/duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM2433	1 day	COVID-19 Omicron RT-PCR test		Nasopharyngeal Aspirate	Genomic Tests	Qualitative RT-PCR
MGM1908	21 days	Whole Exome Sequencing & Hemolytic uremic syndrome (CFH, CFHR1, CFHR2, CFHR3 & CFHR5) deletion/duplication analysis [NGS,MLPA]		Peripheral blood in EDTA, Direct DNA	Genomic Test	Combo test
MGM1904	10 days	HIV genotyping and drug resistance test (RT, PR and INT genes)		Peripheral blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1902	7 days	PD-L1 (SP 142) IHC in NSCLC		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM1901	4 days	HER2 IHC - Non breast / Non gastric tissue by VENTANA		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM1898	15 days	CVS karyotyping only		CVS		Karyotyping/Cytogenetics
MGM1896	14 days	Cystinuria and Hypotonia-cystinuria syndrome (SLC3A1, PREPL and SLC7A9) deletion/duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM1894	21 days	Fragile X Syndrome by PCR (Prenatal)		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA	Genomic Tests	Fragment Analysis
MGM1892	21 days	HRDTrack test		FFPE	Genomic Tests	Next Generation Sequencing
MGM1891	4 days	HLA-B*27 by PCR		Peripheral blood in EDTA	Genomic Tests	OTHERS
MGM1890	4 days	HLA-B*51 by PCR		Peripheral blood in EDTA	Genomic Tests	OTHERS
MGM1889	2 days	Prosthetic Joint Panel (Bacteria and Fungi)		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1888	2 days	Prosthetic joint panel (Bacteria)		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1887	1 day	Pan-fungal PCR		Peripheral blood in EDTA	Genomic Tests	Qualitative RT-PCR
MGM1886	1 day	Pan-bacterial PCR		Peripheral blood in EDTA	Genomic Tests	Qualitative RT-PCR
MGM1885	1 day	Chikungunya and Dengue PCR		Peripheral blood in EDTA	Genomic Tests	Quantitative RT-PCR
MGM1884	1 day	HSV 1 and 2 by PCR		Peripheral blood in EDTA	Genomic Tests	Quantitative RT-PCR
MGM1883	1 day	CMV Qualitative PCR		Peripheral blood in EDTA	Genomic Tests	Qualitative RT-PCR
MGM1882	7 days	Y Chromosome Microdeletion (Screening)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Fragment Analysis
MGM1881	14 days	Germline HRR (Homologous Recombination Repair) pathway genes analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1879	21 days	TumourTrack - Comprehensive Tumor Panel		Tissue in RNA later,FFPE	Genomic Tests	Next Generation Sequencing
MGM1875	2 days	STD panel		Peripheral blood in EDTA	Genomic Tests	OTHERS
MGM1874	2 days	Pan Viral Neuro panel		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1873	2 days	Respiratory Pathogen Panel		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1872	14 days	HBB Gene Analysis [Trio]		Peripheral blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1871	15 days	Aneuploidy by QF PCR [with MCC] + Chromosomal Microarray-Affymetrix Cytoscan Optima Low Resolution Genechip		Fetal DNA,Peripheral Blood in EDTA,Product of conception,Cultured Cells,Chorionic Villus Sample,Cord blood,DNA (POC),Amniotic fluid,Placenta	Genomic Test	Combo test

MGM1863	1 day	Phlebotomy collection services				Additional Service
MGM1862	21 days	PGT-M (1 variant) - parents, 1 reference & 11 embryos (Pre PGT-M & PGT-A included)		Embyo & Peripheral blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1855	2 days	RNA extraction [Clinical]		Bone Marrow Aspirate in EDTA, Pheripheral blod in EDTA	Genomic Tests	OTHERS
MGM1850	7 days	International Shipping			Non-Genomic Tests	OTHERS
MGM1848	1 day	HLAB27 by Flowcytometry		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	Flowcytometry
MGM1846	21 days	Whole exome Agilent V5 (250x)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1844	14 days	PGT-A(PGS) or PGT-SR(Known Breakpoints) alone - 8 Embryos		Embryo	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1842	7 days	Claria-NIPT Advanced		Blood in streck tube	Genomic Tests	NIPT - NGS
MGM1841	21 days	Comprehensive Hereditary Cancer Gene Panel (SNVs, InDels & Large Deletions/Duplications)		Peripheral Blood in EDTA	Genomic Test	Combo test
MGM1840	12 days	UGT1A1*[6, 28, 60, 93] Gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1839	21 days	PGT-M (1 variant) - parents, 1 reference & 6 embryos (Pre PGT-M & PGT-A included)		Embyo & Peripheral blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1831	1 day	Mtb/NTM PCR		Sputum, Pheripheral blood in EDTA, FFPE	Genomic Tests	Qualitative RT-PCR
MGM1826	1 day	HCV Qualitative PCR		Peripheral blood in EDTA	Genomic Tests	Qualitative RT-PCR
MGM1824	10 days	Leukemia Fusion Panel by NGS		Bone Marrow Aspirate in EDTA, Pheripheral blod in EDTA	Genomic Tests	Next Generation Sequencing
GES005	14 days	(Combo) Kardiogen + Curegen Advanced		Peripheral Blood in EDTA	Genomic Test	Combo test
GES004	14 days	(Combo) Kardiogen + Curegen		Peripheral Blood in EDTA	Genomic Test	Combo test
GES003	14 days	Curegen Advanced		Peripheral Blood in EDTA	Genomic Test	Combo test
GES002	14 days	Curegen		Peripheral Blood in EDTA	Genomic Tests	Whole genome genotyping array
GES001	14 days	KardioGen		Peripheral Blood in EDTA	Genomic Tests	Whole genome genotyping array
MGX049	1 day	NAAT CheX HSV		Skin Swab, Tissue, Peripheral blood in EDTA	Genomic Tests	OTHERS
MGM1822	21 days	Hereditary cancer deletion duplication analysis (30 genes) by digital MLPA		Peripheral blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1810	14 days	PGT-A(PGS) or PGT-SR(Known Breakpoints) alone - 6 Embryos		Embryo	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1808	21 days	DMPK Gene Repeat Expansion analysis for Myotonic Dystrophy		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Fragment Analysis
MGM1807	14 days	PGT-A(PGS) or PGT-SR(Known Breakpoints) alone - 7 Embryos		Embryo	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1803	7 days	CMV Drug Resistance testing		Embryo	Genomic Tests	Next Generation Sequencing
MGM1802	10 days	HIV genotyping and drug resistance test (RT and PR gene)		Peripheral blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1801	2 days	TORCH panel		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1800	2 days	Tropical Fever Panel		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1799	2 days	Prosthetic Joint panel - Comprehensive		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1798	4 days	Fungal ID ITS1 sequencing		Peripheral blood in EDTA, Culture isolate	Genomic Tests	OTHERS

MGM1796	4 days	Bacterial ID-16S rDNA sequencing		Peripheral blood in EDTA, Culture isolate	Genomic Tests	Sanger Sequencing
IIF0093	2 days	Mitochondrial (M2) Antibody (AMA)		Plasma, Serum	Non-Genomic Tests	OTHERS
IC1793	4 days	Autoimmune liver profile - Extended panel		Plasma, Serum	Non-Genomic Tests	OTHERS
MGM1792	28 days	Carrier screening - Platinum[~2000 recessive genes & MLPA (SMA, CYP21A2)] + Fragile-X Syndrome		Peripheral blood in EDTA, Direct DNA	Genomic Test	Combo test
MGM1789	7 days	PD-L1 Dako 22C3 IHC PharmDx		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM1787	21 days	Pre-PGD + PGD by Sanger (2 known variants) parents, 1 reference & embryos - 8 Embryos		Peripheral blood by EDTA, Embryo	Genomic Tests	Sanger Sequencing
MGM1786	14 days	PGT-A(PGS) or PGT-SR(Known Breakpoints) alone - 9 Embryos		Peripheral blood by EDTA, Embryo	Genomic Tests	Pre-Implantation Genetic Screening Test
IEA055	3 days	Endomysial Antibody IgA Ab		Plasma, Serum	Non-Genomic Tests	OTHERS
MGM1785	21 days	TumourTrack Advance - Comprehensive Tumor Panel + Microsatellite Instability (MSI) test		Tissue in RNA later,FFPE	Genomic Test	Combo test
MGM1780	5 days	ALL Multiplex RT-PCR Panel		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Genomic Tests	Qualitative RT-PCR
IC1780	5 days	SSB-Antibody-La		Plasma, Serum	Non-Genomic Tests	OTHERS
IC1779	5 days	SSA-Antibody-Ro		Plasma, Serum	Non-Genomic Tests	OTHERS
MGM1778	9 days	Aneuploidy by QF PCR [with MCC]+Chromosomal Microarray-Affymetrix Cytoscan 750K genechip		Amniotic fluid,Maternal blood only,Cultured Cells,Peripheral Blood in EDTA,Cord Tissue / Umbilical Cord,Fetal DNA,Chorionic Villus Sample,DNA (POC)	Genomic Test	Combo test
MGM1777	3 days	FISH(5 probes-13,18,21,sex chromosomes)		Peripheral Blood in EDTA,Amniotic fluid,Chorionic Villus Sample	Non-Genomic Tests	FISH
MGM1773	1 day	Parvovirus B19 Qualitative PCR		Peripheral blood in EDTA	Genomic Tests	OTHERS
MGX048	1 day	NAAT CheX Candida		Peripheral blood in EDTA, Sputum	Genomic Tests	OTHERS
MGM1772	49 days	Clinical Exome + Additional Family Member Testing (2 members) for 1 Variant		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1769	14 days	Comprehensive alpha thalassemia gene analysis [HBA1 & HBA2]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1768	14 days	Comprehensive beta thalassemia [HBB] gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGX047	1 day	NAAT CheX Pneumocystis jirovecii		Sputum	Genomic Tests	OTHERS
MGM1763	14 days	Comprehensive Alpha and Beta thalassemia gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1761	21 days	Direct PGD by Sanger (2 known variants) - 5 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1760	21 days	Direct PGD by Sanger (2 known variants) - 4 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1759	21 days	Direct PGD by Sanger (2 known variants) - 3 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1758	21 days	Direct PGD by Sanger (2 known variants) - 2 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1757	21 days	Direct PGD by Sanger (2 known variants) - 1 Embryo		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test

MGM1756	21 days	Direct PGD by Sanger (1 known variant) - 5 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1755	21 days	Direct PGD by Sanger (1 known variant) - 4 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1754	21 days	Direct PGD by Sanger (1 known variant) - 3 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1753	21 days	Direct PGD by Sanger (1 known variant) - 2 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1752	21 days	Direct PGD by Sanger (1 known variant) - 1 Embryo		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1751	21 days	Pre-PGD + PGD by Sanger (2 known variants) parents, 1 reference & embryos - 5 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1750	21 days	Pre-PGD + PGD by Sanger (2 known variants) parents, 1 reference & embryos - 4 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1749	21 days	Pre-PGD + PGD by Sanger (2 known variants) parents, 1 reference & embryos - 3 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1748	21 days	Pre-PGD + PGD by Sanger (2 known variants) parents, 1 reference & embryos - 2 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1747	21 days	Pre-PGD + PGD by Sanger (2 known variants) parents, 1 reference & embryos - 1 Embryo		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1746	21 days	Pre-PGD + PGD by Sanger (1 known variant) - parents, 1 reference & embryos - 5 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1745	21 days	Pre-PGD + PGD by Sanger (1 known variant) - parents, 1 reference & embryos - 4 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1744	21 days	Pre-PGD + PGD by Sanger (1 known variant) - parents, 1 reference & embryos - 3 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1743	21 days	Pre-PGD + PGD by Sanger (1 known variant) - parents, 1 reference & embryos - 2 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1742	21 days	Pre-PGD + PGD by Sanger (1 known variant) - parents, 1 reference & embryos - 1 Embryo		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1741	14 days	PGT-A(PGS) or PGT-SR(Known Breakpoints) alone - 5 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1740	14 days	PGT-A(PGS) or PGT-SR(Known Breakpoints) alone - 4 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1739	14 days	PGT-A(PGS) or PGT-SR(Known Breakpoints) alone - 3 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1738	14 days	PGT-A(PGS) or PGT-SR(Known Breakpoints) alone - 2 Embryos		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1737	14 days	PGT-A(PGS) or PGT-SR(Known Breakpoints) alone - 1 Emrbyo		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1736	21 days	PGT-M (1 variant) - parents, 1 reference & 5 embryos (Pre PGT-M & PGT-A included)		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1735	21 days	PGT-M (1 variant) - parents, 1 reference & 4 embryos (Pre PGT-M & PGT-A included)		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1734	21 days	PGT-M (1 variant) - parents, 1 reference & 3 embryos (Pre PGT-M & PGT-A included)		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test

MGM1733	21 days	PGT-M (1 variant) - parents, 1 reference & 2 embryos (Pre PGT-M & PGT-A included)		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
MGM1732	21 days	PGT-M (1 variant) - parents, 1 reference & 1 embryo (Pre PGT-M & PGT-A included)		Trophectoderm,Peripheral Blood in EDTA	Genomic Tests	Pre-Implantation Genetic Screening Test
IP0011	4 days	Celiac Disease Profile-3 (Endomysial Antibody IgA-IIFT,tTg IGA by EIA, Gliadin IGG and IGA by EIA)		Plasma, Serum	Non-Genomic Tests	OTHERS
MGM1728	2 days	Gastrointestinal Pathogen Panel		Peripheral blood in EDTA	Genomic Tests	OTHERS
MGX1726	1 day	NAAT Chex-JC virus		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1724	21 days	Whole Exome + 2 additional family member testing for 1 variant		Peripheral blood in EDTA, Direct DNA	Genomic Test	Combo test
MGM1723	21 days	Whole Exome + 2 additional family member testing for 1 variant (FG)		DNA (POC),Peripheral Blood in EDTA,Cord blood,Product of conception,Chorionic Villus Sample,Fetal DNA,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM1722	21 days	[COMBO] Whole Exome + Whole mitochondrial genome sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1721	21 days	[COMBO] Whole Exome + Whole mitochondrial genome sequencing (FG)		Amniotic fluid,DIRECT DNA,Product of conception,Peripheral Blood in EDTA,Chorionic Villus Sample,Bone Marrow Aspirate in EDTA	Genomic Tests	Next Generation Sequencing
MGM1720	2 days	Autoimmune lymphoproliferative syndrome (ALPS)		Peripheral blood in Heparin	Non-Genomic Tests	Flowcytometry
IEA0117	4 days	VGKC (LG1 and CASPR2) Antibody (CSF or SERUM)		Plasma, Serum	Non-Genomic Tests	OTHERS
IIF0118	4 days	VGKC (LG1 and CASPR2) Antibody (CSF & SERUM)		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0116	4 days	tTG -IgG-Tissue Transglutaminase		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0115	3 days	tTG -IgA-Tissue Transglutaminase		Plasma, Serum	Non-Genomic Tests	OTHERS
IPO28	4 days	Phospholipid Syndrome Profile		Plasma, Serum	Non-Genomic Tests	OTHERS
IP0026P2	7 days	NMO Profile 2 -(Aquaporin 4 + MOG) IgG-CSF and Serum)		Plasma, Serum	Non-Genomic Tests	OTHERS
IP0026	7 days	NMO Profile 1 - (Aquaporin 4 + MOG) IgG-CSF or Serum)		Plasma, Serum	Non-Genomic Tests	OTHERS
IP0025	4 days	NMDA Receptor Antibody-NR-1		Plasma, Serum	Non-Genomic Tests	OTHERS
IP0023	3 days	Neuronal Antibody Profile 3		Plasma, Serum	Non-Genomic Tests	OTHERS
IP0019	3 days	Myositis Profile 2		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0095	4 days	MuSK Antibody		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0043	3 days	c-ANCA - PR3		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0042	3 days	p-ANCA - MPO		Plasma, Serum	Non-Genomic Tests	OTHERS
IHA0090	3 days	Lupus anticoagulant (LA)		Plasma, Serum	Non-Genomic Tests	OTHERS
IIF0088	3 days	Liver Kidney Microsome Type 1 Antibodies (anti-LKM-1)		Plasma, Serum	Non-Genomic Tests	OTHERS
INM0078	2 days	IgG		Plasma, Serum	Non-Genomic Tests	OTHERS
IPO015	6 days	IBD Profile 1		Plasma, Serum	Non-Genomic Tests	OTHERS
IIB0066	4 days	Ganglioside IgM Antibody Panel 2		Plasma, Serum	Non-Genomic Tests	OTHERS

IIB0065	4 days	Ganglioside IgG Antibody Panel 1		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0057	3 days	GAD 65 Antibody		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0134	3 days	Fecal Calprotectin		Plasma, Serum	Non-Genomic Tests	OTHERS
INM0120	2 days	Complement 3 - C3		Plasma, Serum	Non-Genomic Tests	OTHERS
IP0009	6 days	Celiac Disease Profile 1		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0038	3 days	CCP Antibody-Citric Citrullinated Antibody		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0036	4 days	Cardiolipin IgM		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0035	4 days	Cardiolipin IgG		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0032	4 days	Beta 2 Glycoprotein 1 IgM		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0030	4 days	Beta 2 Glycoprotein 1 IgG		Plasma, Serum	Non-Genomic Tests	OTHERS
IP0007	4 days	Autoimmune Liver Disease Profile 3 (AMA M2, M2-3E(BPO), Sp-100,PML,gp-210, LKM-1,LC1,SLA/LP, Ro-52, IgG)(comprehensive panel)		Plasma, Serum	Non-Genomic Tests	OTHERS
IP0006	4 days	Autoimmune Liver Disease Profile 2 (ASMA,AMA,LKM1,ANA,IgG)		Plasma, Serum	Non-Genomic Tests	OTHERS
IP0005	4 days	Autoimmune Liver Disease Profile 1		Plasma, Serum	Non-Genomic Tests	OTHERS
IP0004	4 days	Autoimmune Encephalitis Panel 2		Plasma, Serum	Non-Genomic Tests	OTHERS
IIF0027	4 days	ASMA - Smooth Muscle Antibody		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0023	3 days	ASCA IgG - Anti-Saccharomyces cerevisiae IgG		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0024	4 days	ASCA IgA - Anti-Saccharomyces cerevisiae IgA		Plasma, Serum	Non-Genomic Tests	OTHERS
IEA0006	3 days	Anti dsDNA antibody		Plasma, Serum	Non-Genomic Tests	OTHERS
IIF0005	4 days	ANCA by IFA, ELISA- MPO,PR3		Plasma, Serum	Non-Genomic Tests	OTHERS
IIF0001	2 days	ANA -IIFT		Plasma, Serum	Non-Genomic Tests	OTHERS
IIF0003	3 days	ANA Profile (Immunoblot)		Plasma, Serum	Non-Genomic Tests	OTHERS
IOSR001	6 days	Acetyl Choline Receptor Antibodies - AChR Antibodies		Plasma, Serum	Non-Genomic Tests	OTHERS
IIF0004	3 days	ANCA BY IFA		Plasma, Serum	Non-Genomic Tests	OTHERS
MGM1717	19 days	Reflex - Whole exome sequencing (80-100x) with Sanger Validation - 1 variant		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM1716	21 days	[Combo] Whole exome sequencing (80-100x) & Chromosomal Microarray - Affymetrix Cytoscan Optima low resolution genechip		Product of conception,DNA (POC),Chorionic Villus Sample,Cord Tissue / Umbilical Cord,Amniotic fluid,DIRECT DNA,Cord blood,Fetal DNA	Genomic Test	Combo test
MGM1715	21 days	[Combo] Whole exome sequencing (80-100x) & Chromosomal Microarray - Affymetrix Cytoscan 750K genechip		Cord Tissue / Umbilical Cord,Fetal DNA,Cord blood,DNA (POC),Chorionic Villus Sample,DIRECT DNA,Amniotic fluid,Product of conception	Genomic Test	Combo test
MGM1713	21 days	Pre-PGD for additional family member - More than 1 variant & Complex Variants		Peripheral blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1712	14 days	Hunter syndrome - deletion/duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM1709	21 days	Whole exome sequencing (250x)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGX046	1 day	Naat Chex Neurocysticercosis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Multiplex PCR
MGM1693	6 days	PIK3CA - theascreen [®] - FFPE		FFPE	Genomic Tests	Qualitative RT-PCR
MGX045	1 day	NAAT CheX -CMV		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Multiplex PCR

MGM1691	1 day	HCV RT PCR (Quantitative)		Peripheral blood in EDTA	Genomic Tests	Quantitative RT-PCR
MGM1690	12 days	Phenytoin response test (Pharmacogenomic markers in CYP2C19, CYP2C9 and HLA-B)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1689	28 days	Whole Exome Sequencing Twist Comprehensive (1000x)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1688	28 days	Whole Exome Sequencing Twist Comprehensive (500x)		Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1687	28 days	Whole Exome Sequencing Twist Comprehensive (80-100x)		Cord Tissue / Umbilical Cord, Amniotic fluid, DIRECT DNA, Cord blood, Fetal DNA, Chorionic Villus Sample, DNA (POC), Cardiac Blood, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1686	19 days	TRIO- [Combo] Clinical Exome sequencing and mitochondrial genome analysis (80-100x)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1685	28 days	Raw data - Sanger Sequencing [no clinical reporting]		Raw Data	Genomic Tests	Sanger Sequencing
MGM1678	6 days	PIK3CA - theascreen® - Liquid biopsy		Blood in streck tube	Genomic Tests	Qualitative RT-PCR
MGM1677	14 days	PIK3CA gene mutation analysis by NGS- Liquid Biopsy		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM1672	21 days	NTRK Gene Fusion analysis by NGS		Tissue in RNA later, FFPE	Genomic Tests	Next Generation Sequencing
MGM1671	19 days	ERCC4 gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1667	2 days	Multiple myeloma MRD By Flow cytometry		Peripheral blood in Heparin	Non-Genomic Tests	Flowcytometry
MGM1662	7 days	PD-L1 IHC (SP142) analysis		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM1656	14 days	Whole Genome Sequencing of MTB (Shotgun) without DNA extraction		Sputum	Genomic Tests	Next Generation Sequencing
MGM1655	14 days	Whole Genome Sequencing of MTB (SPIT SEQ) without DNA extraction		Sputum	Genomic Tests	Next Generation Sequencing
MGM1654	14 days	Whole Genome Sequencing of MTB (SPIT SEQ) with DNA extraction		Sputum	Genomic Tests	Next Generation Sequencing
MGM1651	21 days	[COMBO] RB1 GENE sequencing with Deletion/Duplication Analysis (MLPA)		Peripheral blood in EDTA, Direct DNA	Genomic Test	Combo test
MGM1649	12 days	Prenatal Cell Culture		Amniotic Fluid, CVS		Karyotyping/Cytogenetics
MGM1648	19 days	RSRC1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1647	15 days	Amniotic fluid Karyotyping		Amniotics Fluid		Karyotyping/Cytogenetics
MGM1646	14 days	Whole Genome Sequencing of MTB (Shotgun) with DNA extraction		Sputum	Genomic Tests	Next Generation Sequencing
MGM1644	19 days	MCC [REFLEX] with Whole Exome Sequencing (80-100x)		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC)	Genomic Test	Combo test
MGM1642	24 days	Atypical identification test		Culture Isolate	Genomic Tests	Multiplex PCR
MGM1641	24 days	Sensitivity for Atypical mycobacterium		Culture Isolate	Genomic Tests	Multiplex PCR

MGM1639	4 days	LINE PROBE ASSAY 2nd LINE		Sputum	Genomic Tests	Multiplex PCR
MGM1638	4 days	LINE PROBE ASSAY 1ST LINE		Sputum	Genomic Tests	Multiplex PCR
MGM1637	4 Hours	XPRT MTB-RIF Ultra Assay		Sputum	Genomic Tests	OTHERS
MGM1636	48 days	AFB DRUG SENSITIVITY FOR 1ST and 2ND LINE DRUG		Sputum	Genomic Tests	Multiplex PCR
MGM1635	36 days	AFB CULTURE BACTEC (MGIT Method)		Sputum	Non-Genomic Tests	Culture
MGM1634	48 days	AFB CULTURE (Conventional Method)		Sputum	Genomic Tests	Multiplex PCR
MGM1633	1 day	AFB DTRECT SMEAR/CONC METHOD		Sputum	Genomic Tests	Multiplex PCR
MGM1630	5 days	HLA-A and HLA-B		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1629	19 days	CLP1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1628	19 days	SQSTM1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1627	19 days	GBE1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1626	19 days	ZMPSTE24 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGX032	1 day	NAAT CheX-Enterovirus		Sputum, Peripheral Blood in EDTA	Genomic Tests	Multiplex PCR
MGM1623	14 days	Tumour HRR (Homologous Recombination Repair) pathway genes analysis by NGS		Tissue in RNA later, FFPE	Genomic Tests	Next Generation Sequencing
MGM1621	24 days	Prenatal Cell Culture with Sanger variant analysis [primers available] - 1 variant		Amniotic Fluid, CVS	Non- Genomic test/ Genom	Combo test
MGM1620	40 days	Prenatal Cell Culture with Sanger variant analysis [1 variant]		Amniotic Fluid, CVS	Non- Genomic test/ Genom	Combo test
MGM1619	10 days	Chromosomal Microarray - Affymetrix Cytoscan Optima low resolution genechip + Cell culture (If needed)		Cord Tissue / Umbilical Cord, Amniotic fluid, Fetal DNA, Cord blood, DIRECT DNA, Product of conception, DNA (POC), Chorionic Villus Sample	Genomic Tests	Microarray
MGM1618	10 days	Chromosomal Microarray - Affymetrix Cytoscan 750K genechip + Cell culture (If needed)		Amniotic Fluid, CVS	Genomic Tests	Microarray
MGM1617	33 days	Prenatal Cell Culture with Clinical Exome (80-100x)		Amniotic Fluid, CVS	Non- Genomic test/ Genom	Combo test
MGM1616	12 days	Prenatal Cell Culture		Amniotic Fluid, CVS	Non-Genomic Tests	OTHERS
MGX031	1 day	NAAT CheX-BK Virus		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGX030	1 day	NAAT CheX-Epstein Barr		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1615	14 days	[Combo] Clinical Exome & Whole Mitochondrial genome sequencing with Sanger validation for 1 variant [Expedited TAT]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1614	17 days	MCC [REFLEX] Prenatal sanger variant analysis [Primers available] - 1 variant		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC)	Genomic Test	Combo test
MGM1613	24 days	MCC [REFLEX] with Prenatal sanger variant analysis [1 variant]		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC)	Genomic Test	Combo test

MGM1612	12 days	MCC [REFLEX] with Chromosomal Microarray - Affymetrix Cytoscan Optima low resolution genechip		Cord Tissue / Umbilical Cord,Amniotic fluid,Maternal blood only,Cord blood,Fetal DNA,Cultured Cells,Placenta,DNA (POC),Chorionic Villus Sample,Peripheral Blood in EDTA	Genomic Test	Combo test
MGM1611	12 days	MCC [REFLEX] with Chromosomal Microarray - Affymetrix Cytoscan 750K genechip		Cord Tissue / Umbilical Cord,Fetal DNA,Cord blood,Placenta,DNA (POC),Chorionic Villus Sample,Peripheral Blood in EDTA,Cultured Cells,Amniotic fluid,Product of conception	Genomic Test	Combo test
MGM1610	26 days	MCC [REFLEX] with Clinical Exome (80-100x)		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC)	Genomic Test	Combo test
MGM1609	14 days	Clinical report generation			Genomic Tests	OTHERS
MGM1600	19 days	FAN1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1597	19 days	NDUFS7 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1596	5 days	IGH/CCND3-Multiple Myeloma-With Plasma cell enrichment		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1595	6 days	ERBB2(HER2) gene amplification,GEA		FFPE	Non-Genomic Tests	FISH
MGM1593	19 days	PRKRA gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1591	19 days	RANBP2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1590	19 days	TCF4 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1589	21 days	[Combo] Clinical Exome Sequencing & Hemolytic uremic syndrome (CFH, CFHR1, CFHR2, CFHR3 & CFHR5) deletion/duplication analysis [NGS,MLPA]		Peripheral blood in EDTA, Direct DNA	Genomic Test	Combo test
MGM1587	19 days	F5 gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGX028	1 day	NAAT Chex Mycoplasma		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1580	0 day	Post- Test Genetic counselling- MedG Report			Non-Genomic Tests	OTHERS
MGM1578	19 days	HINT1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1577	19 days	TPP1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1575	19 days	[Combo] Clinical Exome & Whole Mitochondrial genome sequencing with Sanger validation for 1 variant		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGX027	1 day	NAAT CheX Influenza Virus		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1573	14 days	Prenatal sanger variant analysis [4 variants]		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC)	Genomic Tests	Sanger Sequencing

MGM1569	19 days	Cholestasis gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1566	14 days	Pharmacogenomic marker screening		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1564	5 days	Leukemia common translocations panel by RT-PCR (PML/Rara, bcr/abl, AML/ETO, inv16)		Peripheral Blood in EDTA, Direct RNA	Genomic Tests	Qualitative RT-PCR
MGM1563	19 days	Inflammatory bowel disease gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1562	19 days	Mendelian susceptibility to mycobacterial disease gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1561	19 days	Autoimmune lymphoproliferative syndrome gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1559	19 days	SDCCAG8 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1556	14 days	Tumour Mutation Burden (TMB) analysis by NGS		FFPE,Tissue in RNA later	Genomic Tests	Next Generation Sequencing
MGM1555	14 days	Combo - ExomeMit - Clinical exome & whole mitochondrial genome sequencing [Expedited TAT]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1548	19 days	Combo - ExomeMit - Clinical exome & whole mitochondrial genome sequencing [Extended TAT]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1547	14 days	ERBB2 gene analysis by NGS (SNVs, InDels and CNVs)		Tissue in RNA later,FFPE	Genomic Tests	Next Generation Sequencing
MGM1546	14 days	TYR deletion/duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM1545	14 days	C-KIT gene sequencing		FFPE	Genomic Tests	Next Generation Sequencing
MGM1541	19 days	MCM6 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGX026	1 day	NAAT CheX Dengue Virus		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1540	21 days	RET gene mutation analysis by NGS		Tissue in RNA later,FFPE	Genomic Tests	Next Generation Sequencing
MGM1539	19 days	PROS1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1538	14 days	Prenatal sanger variant analysis [3 variants]		Peripheral blood in EDTA, Direct DNA, Amniotic Fluid, Chorionic Villus Sample, Product of Conception, Fetal DNA, DNA(POC)	Genomic Tests	Sanger Sequencing
MGX025	1 day	Dengue/chikungunya/Fever test		Peripheral blood in EDTA	Genomic Tests	Multiplex PCR
MGM1537	19 days	Thrombophilia gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1536	5 days	BCR-ABL1 MRD	BCR-ABL (QN)	Bone Marrow Aspirate in EDTA, Peripheral Blood in EDTA	Genomic Tests	Quantitative RT-PCR

MGX024	1 day	SES Uveitis		Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF	Genomic Tests	Multiplex PCR
MGX023	1 day	SES Viral Retinitis		BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid	Genomic Tests	Multiplex PCR
MGX022	1 day	SES Fuch's		Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood	Genomic Tests	Multiplex PCR
MGX021	1 day	SES Pan Uveitis		Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid	Genomic Tests	Multiplex PCR
MGX020	1 day	SES Post Surgical Endophthalmitis		Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid	Genomic Tests	Multiplex PCR
MGX019	1 day	SES Traumatic/ Chronic/ Endogenous Endophthalmitis		ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid	Genomic Tests	Multiplex PCR
MGX018	1 day	NAAT Chex TB + Neurocysticercosis		Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab	Genomic Tests	Multiplex PCR

MGX017	1 day	SES Acute Encephalitis Syndrome		Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid	Genomic Tests	Multiplex PCR
MGX016	1 day	SES Encephalitis- Outbreak		Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions	Genomic Tests	Multiplex PCR
MGX015	1 day	SES Encephalitis- Sporadic		BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid	Genomic Tests	Multiplex PCR
MGX014	1 day	SES Meningitis + ABR		Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood	Genomic Tests	Multiplex PCR
MGX013	1 day	SES Meningitis		Cerebrospinal fluid	Genomic Tests	Multiplex PCR
MGX012	1 day	SES Pan CNS + ABR		Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus	Genomic Tests	Multiplex PCR
MGX011	1 day	SES Pan CNS		Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid	Genomic Tests	Multiplex PCR
MGX010	1 day	SES Community Acquired Pneumonia (CAP)		Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid	Genomic Tests	Multiplex PCR

MGX009	1 day	SES MDR Tuberculosis		ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid	Genomic Tests	Multiplex PCR
MGX008	1 day	SES Mycobacteria		Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Tissue,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF	Genomic Tests	Multiplex PCR
MGX007	1 day	SES Respiratory Viral		BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid	Genomic Tests	Multiplex PCR
MGX006	1 day	SES Transplant Viral panel		Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood	Genomic Tests	Multiplex PCR
MGX005	1 day	SES Post Transplant/Febrile Neutropenia/Pneumonia + ABR		Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid	Genomic Tests	Multiplex PCR
MGX004	1 day	SES Post Transplant/ Febrile Neutropenia/ Pneumonia		Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Tissue,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine	Genomic Tests	Multiplex PCR
MGX003	1 day	SES Sepsis + ABR		Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid	Genomic Tests	Multiplex PCR

MGX002	1 day	SES Antibiotic Resistance Markers (ABR)		Fresh Whole CSF,Pericardial fluid,Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions	Genomic Tests	Multiplex PCR
MGX001	1 day	SES Sepsis		Supra pubic urine,Nasopharyngeal and Oropharyngeal Swab,Whole CSF,Ascitic fluid,BAL,Synovial fluid,Vitreous lavage,Pleural Fluid,Whole Blood,Pus,Aqueous/Vitreous Fluid,ET-secretions,Fresh Whole CSF,Pericardial fluid	Genomic Tests	Multiplex PCR
MGM1535	19 days	SGSH gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1534	7 days	Microsatellite DNA typing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Fragment Analysis
MGM1532	5 days	ALL Molecular Work-up		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Genomic Test	Combo test
MGM1528	7 days	Claria-NIPT		Blood in streck tube	Genomic Tests	NIPT - NGS
MGM1525	19 days	Whole exome sequencing SureSelect CREV2		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1524	19 days	PSEN1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1523	14 days	Glioma gene panel by NGS (SNVs & InDels)		Tissue in RNA later,FFPE	Genomic Tests	Next Generation Sequencing
MGM1522	19 days	MKRN3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1521	19 days	CAPN3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1520	14 days	PIK3CA gene mutation analysis by NGS		FFPE,Tissue in RNA later	Genomic Tests	Next Generation Sequencing
MGM1519	19 days	PIEZO2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1518	19 days	Pulmonary arterial hypertension		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1517	21 days	Hereditary Breast and Ovarian Cancer (HBOC) gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1516	19 days	SLC22A12 and SLC2A9 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1515	19 days	RUNX2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1514	19 days	THPO gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1513	21 days	[Combo] HBOC Gene Panel (NGS) with BRCA1 & BRCA2 (MLPA)		Peripheral blood in EDTA, Direct DNA	Genomic Test	Combo test
MGM1512	19 days	SLC29A3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM1511	19 days	MYCN gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1510	19 days	GCH1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1509	19 days	FLCN gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1508	19 days	SLC39A4 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1507	19 days	ATP2A2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1506	19 days	ECM1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1503	15 days	FANCD2-PALB2 deletion/duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM1502	14 days	AML Comprehensive panel with Karyotyping [(PML/Rara, bcr/abl, AML/ETO, inv16 by RT-PCR) , (ASXL1, BRAF, CEBPA, CUX1, DNMT3A, ETV6/TEL, EZH2, FLT3, GATA1, GATA2, HRAS, IDH1, IDH2, JAK2, KIT (c-KIT), KRAS, MLL, NPM1, NRAS, PDGFRA, PHF6, PTPN11, RUNX1, SETBP1, STAG2, TET2, TP53, WT1, ZRSR2 by NGS)] + Karyotyping		Bone Marrow Aspirate in EDTA & Bone Marrow Aspirate in Heparin	Genomic Test	Combo test
MGM1500	14 days	AML Basic panel with Karyotyping [(PML/Rara, bcr/abl, AML/ETO,Inv16) by RT-PCR (NPM1, C-kit) by PCR] + Karyotyping		Bone Marrow Aspirate in EDTA & Bone Marrow Aspirate in Heparin	Genomic Test	Combo test
MGM1499	5 days	AML Basic panel [(PML/Rara, bcr/abl, AML/ETO,Inv16) by RT-PCR (NPM1, C-kit) by PCR]		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Genomic Tests	Qualitative RT-PCR
MGM1497	14 days	Colorectal Cancer Panel by NGS & MMR by IHC		FFPE	Genomic Test/ Non- Genom	Combo test
MGM1496	14 days	Lung Cancer gene Panel by NGS (SNVs, InDels & Fusions)+ PD-L1 (SP263) by IHC + Microsatellite Instability (MSI) test		FFPE	Genomic Test/ Non- Genom	Combo test
MGM1493	14 days	Lung Cancer gene Panel by NGS (SNVs, InDels & Fusions) + PD-L1 (SP263) by IHC		FFPE	Genomic Test/ Non- Genom	Combo test
MGM1492	14 days	Lung Cancer gene Panel (SNVs, InDels & Fusions)		FFPE	Genomic Tests	Next Generation Sequencing
MGM1491	50 days	FCGR deletion/duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM1489	12 days	Prenatal sanger variant analysis[Primers available] - 2 variants		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC)	Genomic Tests	Sanger Sequencing
MGM1488	19 days	ADSSL1 gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1487	14 days	EDA,EDAR,EDARADD gene analysis by MLPA		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM1486	19 days	GNAS McCune-Albright syndrome higher depth (250X)		FFPE, Pheripheral blood in EDTA	Genomic Tests	Next Generation Sequencing

MGM1484	14 days	Prenatal sanger variant analysis [2 variants]		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC)	Genomic Tests	Sanger Sequencing
MGM1483	14 days	Prenatal sanger variant analysis [1 variant]		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC)	Genomic Tests	Sanger Sequencing
MGM1482	35 days	Clinical Exome with Sanger Validation [1 variant] (80-100x) [Extended TAT]		Peripheral blood in EDTA, Direct DNA	Genomic Test	Combo test
MGM1480	19 days	Clinical Exome - higher depth (250x)		FFPE, Pheripheral blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1479	19 days	PRF1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1478	19 days	SUMF1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1477	19 days	HNF1B gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1476	19 days	Larsen syndrome gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1475	19 days	SI gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1474	19 days	HADHA gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1473	12 days	CAD Polygenic Risk Test		Peripheral blood in EDTA	Genomic Tests	Whole genome genotyping array
MGM1471	19 days	DHFR gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1470	19 days	LPIN2 gene Sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1469	19 days	EVC and EVC2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1467	7 days	HLA Typing Low resolution (A*, B*, DRB1*)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1464	19 days	Lysosomal storage disorder gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1463	15 days	Lysosomal storage disorder gene panel [Expedited TAT]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1461	19 days	Hypercholanemia gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1459	19 days	COL1A1 gene Sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1458	19 days	COPA gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1457	19 days	IDUA gene analysis (Mucopolysaccharidosis Ih)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1454	19 days	SPTBN2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM1453	14 days	[Combo] AML risk stratification gene panel & FLT3 gene internal tandem duplication analysis [NGS, Fragment Analysis]		Bone Marrow Aspirate in EDTA	Genomic Test	Combo test
MGM1452	19 days	HUS (Hemolytic-uremic syndrome) gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1451	19 days	F13A1 and F13B gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1450	7 days	[Combo] Microsatellite instability (MSI) test + DNA Mismatch Repair (MMR) gene expression analysis by IHC		FFPE	Genomic Test	Combo test
MGM1449	6 days	C-MET AMPLIFICATION		FFPE	Non-Genomic Tests	FISH
MGM1440	19 days	Nicolaides-Baraitser Syndrome (SMARCA2) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1439	19 days	Townes-Brocks syndrome (SALL1 and DACT1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1437	15 days	Whole exome sequencing (80-100x) AGV6 -[ONLY RAW DATA, NO CLINICAL REPORT]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1435	19 days	Infantile hypercalcemia-1 (CYP24A1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1434	21 days	POLE gene sequencing		Tissue in RNA later,FFPE	Genomic Tests	Next Generation Sequencing
MGM1433	14 days	Whole exome sequencing (80-100x) -[ONLY RAW DATA (Only FASTQ), NO CLINICAL REPORT]		Amniotic fluid,Product of conception,Cord Tissue / Umbilical Cord,DIRECT DNA,Cord blood,Fetal DNA,Chorionic Villus Sample,Cardiac Blood,DNA (POC)	Genomic Tests	Next Generation Sequencing
MGM1432	19 days	CSTB gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1429	19 days	Duane retraction syndrome (CHN1 and MAFB gene sequencing)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1428	19 days	Pendred syndrome (SLC26A4) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1427	19 days	Pseudohypoparathyroidism Ia (GNAS) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1425	19 days	Transthyretin(TTR) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1424	19 days	Molybdenum co-factor deficiency (GPHN,MOCS1 and MOCS2 gene sequencing)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1423	19 days	Hereditary stomatocytosis (PIEZO1 and RHAG gene sequencing)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1422	19 days	Chondrocalcinosis-2 (ANKH gene sequencing)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1420	19 days	RYR1 and CACNA1S gene sequencing(susceptibility to Malignant Hyperthermia)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1418	5 days	FISH for t(6;9)(p22;q34), DEK/NUP, AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1417	5 days	FISH for Trisomy chr4, chr10, chr17, ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH

MGM1416	19 days	Raine syndrome (FAM20C) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1411	19 days	Trimethylaminuria (FMO3) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1410	19 days	Papillon-Lefevre syndrome (CTSC) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1409	19 days	TCOF1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1408	19 days	Parkes Weber syndrome (RSA1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1407	19 days	GGCX and VKORC1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1405	19 days	MC4R gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1404	19 days	FAH gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1403	19 days	GATA3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1402	19 days	EBP gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1401	19 days	KMT2D and KDM6A gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1400	19 days	Familial temporal lobe epilepsy-1 (LG1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1399	19 days	SERPING1 and F12 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1397	19 days	Alpha-methylacetoacetic aciduria (ACAT1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1396	14 days	COL1A1 deletion/duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM1395	2 days	Send sample back (within India)			Non-Genomic Tests	OTHERS
MGM1394	2 days	Send sample back (within Bangalore)			Non-Genomic Tests	OTHERS
MGM1393	14 days	Sanger validation [2 variants]		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC), Peripheral Blood in EDTA	Genomic Tests	Sanger Sequencing
MGM1392	14 days	Additional family member (investigational) testing-3 variants [Primers available]		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC), Peripheral Blood in EDTA	Genomic Tests	Sanger Sequencing
MGM1391	14 days	Additional family member (investigational) testing-2 variants [Primers available]		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC), Peripheral Blood in EDTA	Genomic Tests	Sanger Sequencing
MGM1389	19 days	NROB1, ABCD1, AIRE gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1388	19 days	GSS gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM1387	14 days	Sanger Validation [3 variants]		Amniotic Fluid, CVS, Product of Conception, Cord Blood, Cord tissue, Direct DNA, Fetal DNA, DNA (POC), Peripheral Blood in EDTA	Genomic Tests	Sanger Sequencing
MGM1386	14 days	CMA XON array		Cord Tissue / Umbilical Cord, Fetal DNA, Cord blood, DIRECT DNA, Chorionic Villus Sample, Product of conception, DNA (POC), Amniotic fluid, Peripheral Blood in EDTA	Genomic Tests	Microarray
MGM1385	3 days	CHIMERISM TESTING ONLY FOR POST BMT ENGRAFTMENT MONITORING BY STR TYPING (Only Post Engraftment Sample)		Peripheral blood in EDTA	Genomic Tests	Fragment Analysis
MGM1382	19 days	GALNS and GLB1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1381	19 days	Werner syndrome (RECQL2) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1380	19 days	TERT gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1379	19 days	BMPR2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1378	19 days	Traboulsi syndrome (ASPH) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1377	19 days	CPT2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1376	19 days	HADH gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1375	14 days	CDC73 deletion/duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM1374	2 days	T- MRD		Bone Marrow Aspirate in Heparin, Peripheral blood in Heparin	Non-Genomic Tests	Flowcytometry
MGM1373	7 days	Lung combo panel II- IHC (ALK D5F3, ROS1, PDL1, c-MET) & RT-PCR (EGFR[Hot Spot] exons 18, 19, 20, 21)		FFPE	Non- Genomic test/ Genom	Combo test
MGM1370	2 days	PNH by FLAER- High Sensitivity		Bone Marrow Aspirate in Heparin, Peripheral blood in Heparin	Non-Genomic Tests	Flowcytometry
MGM1369	19 days	Familial erythrocytosis-1 (EPOR) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1366	19 days	SLC52A1, SLC52A2, SLC52A3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1365	10 days	PDGFRA gene mutation analysis by NGS		Bone Marrow Aspirate in EDTA, FFPE, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1364	7 days	KIT gene analysis - 2 exons (9,11)		FFPE	Genomic Tests	Next Generation Sequencing
MGM1362	21 days	Comprehensive molecular work-up for CLL Prognostication [NGS, Sanger, FISH]		Bone Marrow Aspirate in EDTA & Bone Marrow Aspirate in Heparin	Genomic Test/ Non- Genom	Combo test
MGM1357	19 days	DGKE gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM1356	19 days	ANOS gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1355	19 days	Imerslund-Gräsbeck syndrome (CUBN and AMN) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1354	12 days	CYP3A5 testing for Tacrolimus dosing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1350	7 days	HLA-DQB1*06:02 by NGS		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1349	7 days	HLA Typing High resolution (A*, B*, C*, DRB1*, DQB1*, DPB1*)[Expedited TAT]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1348	10 days	HLA Typing High resolution (A*, B*, C*, DRB1*, DQB1*, DPB1*)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1347	19 days	MCCC1 and MCCC2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1345	19 days	TMEM173 and COPA gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1344	3 days	FISH for t(14;20), IGH/MAFB,MM		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1343	2 days	Leukemia/Lymphoma Panel- Flowcytometry		Bone Marrow Aspirate in Heparin, Peripheral blood in Heparin	Non-Genomic Tests	Flowcytometry
MGM1342	14 days	IGHV gene mutation analysis		Peripheral blood in EDTA	Genomic Tests	Fragment Analysis
MGM1341	12 days	IDH1 and IDH2 Gene Analysis		Bone Marrow Aspirate in EDTA,FFPE,Tissue in RNA later,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1338	19 days	NOD2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1337	21 days	Li fraumeni (TP53) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1335	19 days	STK11 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1334	19 days	Hereditary essential tremor (FUS and TENM4) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1333	19 days	Neurofibromatosis type 1 (NF1) gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1332	19 days	GLI3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1331	21 days	WT1 gene sequencing - somatic mutations		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1330	19 days	WT1 gene sequencing - germline mutations		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1329	19 days	aHUS testing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1325	19 days	Glutaric acidemia I (GCDH) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1323	19 days	Griscelli syndrome gene panel		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1322	19 days	Pulmonary alveolar microlithiasis (SLC34A2) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM1321	19 days	SLC25A13 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1320	19 days	PROC gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1319	19 days	Ornithine transcarbamylase deficiency (OTC) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1318	19 days	Propionicacidemia (PCCA) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1317	19 days	IRF6 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1316	19 days	PITX2 and FOXC1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1315	19 days	Hemophagocytic lymphohistiocytosis-3 (UNC13D) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1312	14 days	Additional family member (investigational) testing- 4 variants		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Sanger Sequencing
MGM1310	19 days	IGF1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1309	19 days	CACNA1S and SCN4A gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1307	19 days	Thrombocytopenia-absent radius syndrome (RBM8A) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1306	19 days	Dihydrolipoamide dehydrogenase deficiency (DLD) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1305	19 days	Fragile X syndrome (FMR1) gene sequencing (only point mutations)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1304	19 days	PRPH2 and GUCY2D gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1303	19 days	HESX1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1302	19 days	Sandhoff disease (HEXB) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1301	19 days	NSDHL gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1300	19 days	CYP19A1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1299	19 days	CTNS gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1296	19 days	Familial Mediterranean fever (MEFV) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1295	14 days	Additional family member (investigational) testing-3 variants		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Sanger Sequencing
MGM1294	14 days	Additional family member (investigational) testing-2 variants		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Sanger Sequencing
MGM1293	10 days	Sperm DNA fragmentation Study		Semen	Non-Genomic Tests	Pathology

MGM1290	6 days	FISH for IGH (14q32) Gene rearrangement, Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1289	6 days	FISH for C-MYC (8q24) Translocation, Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1288	6 days	FISH for deletion 13q(13q14.2, 13q34), MM [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1287	6 days	FISH for Deletion 17p(TP53), Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1286	19 days	CHM gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1285	19 days	CYP11B1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1284	19 days	ATP1A2 and ATP1A3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1283	19 days	GAN and DCAF8 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1282	19 days	Borjeson-Forssman-Lehmann syndrome (PHF6) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1281	19 days	Neurodegeneration due to cerebral folate transport deficiency (FOLR1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1280	19 days	Fibrodysplasia ossificans progressive (ACVR1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1279	6 days	FISH for ALK and ROS-1 gene rearrangement , Lung cancer		FFPE	Non- Genomic test	Combo test
MGM1278	5 days	FISH for MPN panel (5 markers- BCR/ABL, PDGFRA, PDGFRB, JAK2 and FGFR1 gene rearrangements)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1277	5 days	FISH for MPN panel (3 markers- BCR/ABL, PDGFRA, PDGFRB)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1276	5 days	FISH for CLL Panel All markers (6)- Del6q, Del 17p, Del13q, ATM deletion/trisomy 11, Trisomy 12, IGH rearrangement)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1275	5 days	FISH for ALL (7 markers)- [E2A (TCF3) rearrangement, t(12;21); ETV6::RUNX1, t(9;22); BCR::ABL, MLL rearrangement/amplification, TCR alpha/delta (14q11.2) gene rearrangement,C-Myc Breakapart, IGH Breakapart]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1274	6 days	FISH for ALL (4 markers) [E2A (TCF3) rearrangement, t(12;21); ETV6::RUNX1, t(9;22); BCR::ABL, MLL rearrangement/amplification]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1273	7 days	FISH for MDS/AML (6 markers- Del 5/5q, Del 7/7q, Trisomy 8, RUNX-RUNX1 t(8;21), PML-RARA t(15;17), Inv(16))		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH

MGM1272	7 days	JAK2 gene analysis - Exon 14		DIRECT DNA,Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Genomic Tests	Next Generation Sequencing
MGM1269	19 days	MYH3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1267	15 days	DYSF gene sequencing [Expedited TAT]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1266	19 days	DYSF gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1265	19 days	Erythropoietic protoporphyria-1 (FECH) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1264	5 days	FISH for Chronic Lymphoid Leukemia panel (4 markers-Del 17p,Trisomy 11, trisomy 12 and del 13q)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1263	19 days	ELANE gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1262	19 days	HPRT1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1261	19 days	CHARGE syndrome (SEMA3E and CHD7) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1256	5 days	Myeloproliferative Neoplasms panel(MPN),4 markers- PDGFRA gene rearrangement, PDGFRB gene rearrangement, JAK2 gene rearrangement, FGFR1 gene rearrangement.FISH		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1255	6 days	FISH for FGFR1(8p11.2) gene rearrangement, MPN		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1254	3 days	FISH for JAK2 (9p24) gene rearrangement, MPN		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1253	19 days	Argininosuccinic aciduria (ASL) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1252	19 days	Fructose-1,6-bisphosphatase deficiency (FBP1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1251	35 days	[Combo] Chromosomal Microarray - Affymetrix Cytoscan Optima low resolution genechip & Clinical exome (80-100x)[Extended TAT]		Cord blood,Peripheral Blood in EDTA,Fetal DNA,Chorionic Villus Sample,DNA (POC),Amniotic fluid,Cord Tissue / Umbilical Cord,DIRECT DNA	Genomic Test	Combo test
MGM1250	21 days	[Combo] Chromosomal Microarray - Affymetrix Cytoscan Optima low resolution genechip & Clinical exome (80-100x)[Normal TAT]		Fetal DNA,Chorionic Villus Sample,DIRECT DNA,Amniotic fluid,Product of conception,Cord Tissue / Umbilical Cord,DNA (POC),Cord blood,Peripheral Blood in EDTA	Genomic Test	Combo test
MGM1249	35 days	[Combo] Chromosomal Microarray - Affymetrix Cytoscan 750K genechip & Clinical exome (80-100x)[Extended TAT]		Fetal DNA,DIRECT DNA,Chorionic Villus Sample,DNA (POC),Peripheral Blood in EDTA,Amniotic fluid,Cord Tissue / Umbilical Cord,Product of conception,Cord blood	Genomic Test	Combo test
MGM1248	19 days	KCNT1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM1247	19 days	SLC4A1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1246	19 days	Keutel syndrome (MGP) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1245	19 days	SERPINC1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1244	19 days	PLP1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1243	19 days	SRD5A2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1242	19 days	GCK gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1241	5 days	FISH for Chronic Myeloid Leukemia(CML), (4 markers- BCR-ABL,Iso 17q,del 7 and trisomy 8)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1240	6 days	FISH for iso 17q, CML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1239	21 days	[Combo] Chromosomal Microarray - Affymetrix Cytoscan 750K genechip & Clinical exome (80-100x)[Normal TAT]		Peripheral Blood in EDTA,DIRECT DNA	Genomic Test/ Non- Genom	Combo test
MGM1238	19 days	SLC11A2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1237	19 days	PKLR gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1236	19 days	PANK2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1235	19 days	TRIM36 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1234	19 days	AMHR2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1233	19 days	Carnitine palmitoyltransferase deficiency I (CPT1A) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1232	19 days	GPR143 and FRMD7 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1231	19 days	Visceral myopathy (ACTG2) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1230	2 days	B- MRD		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Non-Genomic Tests	Flowcytometry
MGM1229	14 days	[Combo] Advanced Glioma Panel (FISH, NGS & MGMT Methylation)		FFPE	Genomic Test	Combo test
MGM1222	21 days	Fragile X Syndrome by PCR for Female		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Fragment Analysis
MGM1221	21 days	Fragile X Syndrome by PCR for Male		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Fragment Analysis
MGM1218	19 days	PHEX gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1217	19 days	ITGA3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1216	19 days	Trichohepatoenteric syndrome 1 (TTC37 and SKIV2L) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM1215	19 days	Leukocyte adhesion deficiency (ITGB2) gene sequencing		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Genomic Tests	Next Generation Sequencing
MGM1214	19 days	NROB1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1213	19 days	GrisCELLI syndrome type I (MYO5A) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1212	21 days	[Combo] Haemophilia A (F8) gene analysis (along with analysis of the F8-intron 22 inversion)		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Test	Combo test
MGM1211	7 days	HLA-B*51 by NGS		DIRECT DNA,Peripheral Blood in EDTA,BUCCAL SWAB	Genomic Tests	Next Generation Sequencing
MGM1210	6 days	FISH for Myeloma Panel (4 markers)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1209	19 days	VPS13A and XK gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1208	19 days	Shwachman-Diamond syndrome (SBDS) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1207	19 days	VDR gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1206	19 days	Factor X deficiency (F10) gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1205	5 days	FISH for Chronic Lymphoid Leukemia Panel (5 markers-Del 6q, del 11q -ATM deletion, Trisomy 12,del 13q,del 17q)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1204	6 days	FISH for 6q deletion, CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1203	6 days	FISH for Trisomy 12, CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1202	6 days	FISH for Trisomy 11, CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1201	3 days	FISH for C-MYC (8q24) Rearrangement, ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1200	5 days	FISH for ALL (6 Markers) [t(12;21); ETV6::RUNX1, t(9;22); BCR::ABL, MLL rearrangement/amplification, TCR alpha/delta (14q11.2) gene rearrangement, C-Myc Breakapart, IGH Breakapart]		Peripheral Blood in Heparin,Bone marrow aspirate in Heparin	Non-Genomic Tests	FISH
MGM1199	3 days	FISH for IGH (14q32) Gene rearrangement, CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1198	3 days	FISH for E2A (TCF3) (19p13.3) Rearrangement, ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1197	3 days	FISH for t(12;21); ETV6::RUNX1 (p13;q22), ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1195	19 days	CASR gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1194	19 days	Congenital erythropoietic porphyria (UROS) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1193	19 days	Rubinstein-Taybi syndrome (CREBBP and EP300) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1192	4 days	DNA Extraction and Storage		Product of conception,BUCCAL SWAB,Cultured Cells,Peripheral Blood in EDTA,Amniotic fluid,Bone Marrow Aspirate in EDTA,Chorionic Villus Sample		DNA Extraction

MGM1191	5 days	FISH for MDS (4 markers)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1190	19 days	Platelet-type bleeding disorder-8 (P2RY12) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1188	19 days	Achalasia-addisonianism-alacrimia syndrome (AAAS) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1187	19 days	Factor VII deficiency (F7) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1186	19 days	OCRL gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1185	19 days	COL2A1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1184	19 days	DNAAF2 and DNAAF5 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1183	19 days	FGFR2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1182	19 days	Gordon Holmes syndrome (RNF216 and OTUD4) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1181	2 days	Aneuploidy by QF PCR[without MCC]		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Fragment Analysis
MGM1180	19 days	Chylomicron retention disease (SAR1B) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1179	19 days	LHCGR gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1178	19 days	LMNA gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1177	19 days	Mucopolysaccharidosis type VI (ARSB) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1176	14 days	DPYD gene analysis for 5-FU drug sensitivity		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1174	19 days	KIT gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1173	19 days	PLEC gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1172	19 days	Kindler syndrome (FERMT1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1170	19 days	PRNP gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1169	19 days	Gitelman syndrome (SLC12A3) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1162	5 days	FISH for Multiple Myeloma (5 markers)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1161	3 days	FISH for IGH /MAF t(14;16)(q32;q23), Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1160	3 days	FISH for IGH/FGFR3 t(4;14)(p16;q32), Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1159	3 days	FISH for IGH/CCND1 t(11;14)(q13;q32), Multiple Myeloma [With Plasma cell Enrichment]		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH

MGM1158	12 days	Prenatal sanger variant analysis[Primers available] - 1 variant		Amniotic fluid,Chorionic Villus Sample,Fetal DNA	Genomic Tests	Sanger Sequencing
MGM1157	14 days	Additional family member (investigational) testing - 1 variant [Primers available]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Sanger Sequencing
MGM1156	14 days	NGS variant confirmation			Genomic Tests	Sanger Sequencing
MGM1155	19 days	CYP1B1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1154	19 days	Glucose/galactose malabsorption (SLC5A1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1153	19 days	THRB gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1152	19 days	Marinesco-Sjogren syndrome (SIL1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1150	19 days	AIRE gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1149	19 days	SLC19A3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1148	19 days	WISP3 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1147	19 days	MTTP gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1146	19 days	Bohring-Opitz syndrome (ASXL1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1145	19 days	FLT4 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1144	3 days	FISH for TCR alpha/delta (14q11.2) gene rearrangement, ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1143	19 days	TULP1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1142	19 days	Vitamin D-dependent rickets type 1A (CYP27B1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1141	19 days	NKX2-1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1140	21 days	Comprehensive ALL Panel (Karyotyping, FISH, RT-PCR, NGS)		Peripheral Blood in EDTA,Bone marrow aspirate in Heparin,Bone Marrow Aspirate in EDTA,Peripheral Blood in Heparin	Genomic Test/ Non- Genom	Combo test
MGM1139	3 days	FISH for iAMP21,ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1138	3 days	FISH for PDGFRB (5q32-33) gene rearrangement, MPN		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1137	3 days	FISH for PDGFRA(4q12) gene rearrangement, MPN		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1136	14 days	IKZF1 deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM1135	12 days	TPMT and NUDT15 gene analysis		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing

MGM1125	21 days	ETNK1 and SETBP1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1124	21 days	Werner syndrome (WRN) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1123	10 days	Haemophilia A (F8) intron 22 inversion		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	LA-PCR
MGM1122	4 days	FISH(5 probes-13,18,21,sex chromosomes)		Amniotic Fluid, CVS	Non-Genomic Tests	FISH
MGM1121	19 days	GDF1 and PKD1L1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1120	19 days	Townes-Brocks syndrome (SALL1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1119	19 days	IGHMBP2 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1118	19 days	KHDC3L and NALP7 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1116	8 days	Cord blood karyotyping + FISH (2 probes)(either 13/21 or 18/X/Y)		Cord Blood	Non- Genomic test	Combo test
MGM1115	8 days	Cord Blood karyotyping + FISH (5 probes - 13, 18, 21, sex chromosomes)		Cord Blood	Non- Genomic test	Combo test
MGM1114	15 days	Amniotic Fluid karyotyping + FISH(2 probes)(either 13/21 or 18/X/Y]		Amniotic Fluid	Non- Genomic test	Combo test
MGM1113	15 days	Amniotic Fluid karyotyping + FISH (5 probes - 13,18,21, sex chromosome)		Amniotic Fluid	Non- Genomic test	Combo test
MGM1112	10 days	CVS karyotyping + FISH (2 probes) (either 13/21 or 18/X/Y)		Chorionic Villus Sample	Non- Genomic test	Combo test
MGM1111	10 days	CVS karyotyping + FISH (5 probes - 13,18,21, sex chromosomes)		Chorionic Villus Sample	Non- Genomic test	Combo test
MGM1109	4 days	FISH (2 probes) (either 13/21 or18/X/Y)		Amniotic Fluid, CVS	Non-Genomic Tests	FISH
MGM1107	8 days	Cord Blood karyotyping only		Cord Blood		Karyotyping/Cytogenetics
MGM1106	15 days	Amniotic Fluid karyotyping only		Amniotic Fluid		Karyotyping/Cytogenetics
MGM1105	15 days	CVS karyotyping only		Chorionic Villus Sample		Karyotyping/Cytogenetics
MGM1104	9 days	Di George / VCF syndrome		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1103	9 days	Prader-Willi/ Angelman syndrome by FISH		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1102	25 days	POC-2nd and 3rd trimester cord / cardiac blood		DNA (POC)		Karyotyping/Cytogenetics
MGM1101	25 days	POC-2nd trimester		DNA (POC)		Karyotyping/Cytogenetics
MGM1100	25 days	POC-1st trimester		DNA (POC)		Karyotyping/Cytogenetics
MGM1099	15 days	High Resolution Banding [HRB]		Peripheral Blood in Heparin		Karyotyping/Cytogenetics
MGM1098	15 days	Fragile X Syndrome		Peripheral Blood in EDTA		Karyotyping/Cytogenetics
MGM1094	4 days	Sperm FISH (5 Probes - 13,18,21,X,Y)		Sperm	Non-Genomic Tests	FISH

MGM1093	15 days	Chromosomal breaks		Peripheral Blood in Heparin,Peripheral Blood in EDTA	Non-Genomic Tests	Chromosomal Analysis
MGM1090	7 days	Retinoblastoma gene 13q14 region by FISH		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1089	15 days	Fanconi Anemia		Peripheral Blood in Heparin,Peripheral Blood in EDTA		Karyotyping/Cytogenetics
MGM1088	15 days	Blooms syndrome		Peripheral Blood in EDTA		Karyotyping/Cytogenetics
MGM1087	15 days	Ataxia Telangiectasia(chromosome instability syndrome)		Peripheral Blood in EDTA		Karyotyping/Cytogenetics
MGM1085	6 days	FISH for ALK (2p23) gene rearrangement, NSCLC		FFPE	Non-Genomic Tests	FISH
MGM1084	6 days	FISH for ROS1 (6q22.1) rearrangement, NSCLC		FFPE	Non-Genomic Tests	FISH
MGM1079	2 days	Aneuploidy by QF PCR [with MCC]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Fragment Analysis
MGM1078	19 days	GATA1 and UROS gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1077	19 days	Dystonia-28 (KMT2B) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1075	19 days	Nail-patella syndrome (LMX1B) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1074	19 days	WAGR syndrome (PAX6 and WT1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1073	19 days	Hyper-immunoglobulin E syndrome (DOCK8 and STAT3) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1072	19 days	RPGR gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1071	19 days	MYH9 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1067	5 days	HLA Typing High resolution (A*, B*, C*, DRB1*, DQB1*) [Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,BUCCAL SWAB	Genomic Tests	Next Generation Sequencing
MGM1066	7 days	FISH for SRY		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1065	19 days	Glanzmann thrombasthenia (ITGA2B and ITGB3) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1064	19 days	ADGRG1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1063	9 days	FISH for Williams syndrome		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1062	7 days	FISH for Leukaemia panel (4 markers)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1061	19 days	CYB5R3 and CYB5A gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1059	28 days	Clinical Exome with reflex Sanger for investigational (80-100x)		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Test	Combo test
MGM1058	28 days	Combo - NeuroReflex - Comprehensive Neurology Panel with Reflex sanger for two family members		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Test	Combo test
MGM1057	19 days	ExomeMit - Clinical Exome & Whole Mitochondrial genome sequencing		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing

MGM1056	19 days	Combo - NeuroMit Whole mitochondrial genome sequencing & Neurology gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM1054	19 days	MECP2 gene sequencing		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM1053	7 days	HLA Typing High resolution (DPB1*)		DIRECT DNA,Peripheral Blood in EDTA,BUCCAL SWAB	Genomic Tests	Next Generation Sequencing
MGM1051	19 days	CFH gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1049	19 days	ALPL gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1048	19 days	Maple syrup urine disease, type II (DBT) gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1047	14 days	MLPA for mitochondrial DNA		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM1043	19 days	KRT5 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1042	19 days	SLC25A15 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1041	19 days	SACS gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1040	19 days	TIA1 and DES genes sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1039	19 days	MFSD8 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1038	19 days	SHOX gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1037	19 days	Saethre-Chotzen syndrome (TWIST1 and FGFR2) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1036	19 days	SETX gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1035	28 days	TYR PCR		Peripheral Blood in EDTA	Genomic Tests	Qualitative RT-PCR
MGM1033	7 days	Statin induced myopathy predisposition SLCO1B1 p.(Val174Ala) by RT-PCR		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Qualitative RT-PCR
MGM1029	19 days	PRSS56 and MFRP gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1031	19 days	Holt-Oram syndrome (TBX5) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1030	70 days	Hereditary fructose intolerance (ALDOB) gene deletion duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM1027	19 days	NSD1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1026	19 days	Hennekam lymphangiectasia-lymphedema syndrome-1 (CCBE1) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM1025	19 days	Myelin-oligodendrocyte glycoprotein (MOG) gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1024	21 days	Whole genome sequencing (mean 10x) - [ONLY RAW DATA (Only FASTQ), NO CLINICAL REPORT]		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM1023	21 days	Whole genome sequencing (mean 30x) - [ONLY RAW DATA (Only FASTQ), NO CLINICAL REPORT]		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM1022	21 days	LCT gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1021	19 days	CECR1 gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM1020	19 days	Newborn screening gene panel		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM1019	14 days	[Combo] Congenital adrenal hyperplasia CYP21A2 (21-0H) combo - NGS and deletion/duplication analysis		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Test	Combo test
MGM1018	4 days	FLT3-ITD mutant allele burden analysis		Bone Marrow Aspirate in EDTA, Peripheral Blood in EDTA, DIRECT DNA	Genomic Tests	Fragment Analysis
MGM1017	5 days	FISH for MDS (All markers (8))		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1016	5 days	FISH for AML panel (All markers(8))		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1015	6 days	FISH for AML panel (ANY 5 markers)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1014	5 days	FISH for AML panel (ANY 3 markers- Inv 3, del 5, del 7, MLL , t(15;17), t(8;21), inv(16), BCR-ABL ES)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1013	3 days	FISH for inv(16)/t(16;16)(p13.1;q22), AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1012	3 days	FISH for RUNX1-RUNX1T1 t(8;21)(q22;q22), AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1011	3 days	FISH for PML-RARA t(15;17)(q24,q21), AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM1010	8 days	Myeloproliferative neoplasm (MPN) reflex panel [NGS]		Peripheral Blood in EDTA, DIRECT DNA, Bone Marrow Aspirate in EDTA	Genomic Tests	Next Generation Sequencing
MGM1007	15 days	Carrier screening - Silver [100 genes NGS & MLPA (SMA, CYP21A2)][Expedited TAT]		DIRECT DNA, Peripheral Blood in EDTA	Genomic Test	Combo test
MGM1005	21 days	Carrier screening - Platinum [~2000 recessive genes & MLPA (SMA, CYP21A2)][Expedited TAT]		DIRECT DNA, Peripheral Blood in EDTA	Genomic Test	Combo test
MGM1003	15 days	Carrier screening - Gold [500 genes NGS & MLPA (SMA, CYP21A2)][Expedited TAT]		DIRECT DNA, Peripheral Blood in EDTA	Genomic Test	Combo test
MGM1001	21 days	Carrier screening - Silver [100 genes NGS & MLPA (SMA, CYP21A2)]		DIRECT DNA, Peripheral Blood in EDTA	Genomic Test	Combo test
MGM1000	28 days	Carrier screening - Platinum [~2000 recessive genes & MLPA (SMA, CYP21A2)]		Peripheral Blood in EDTA, DIRECT DNA	Genomic Test	Combo test
MGM999	21 days	Carrier screening - Gold [500 genes NGS & MLPA (SMA, CYP21A2)]		DIRECT DNA, Peripheral Blood in EDTA	Genomic Test	Combo test
MGM997	4 Hours	CD34+ Stem cell Enumeration (CD45, CD34, 7AAD)		Bone Marrow Aspirate in EDTA, Peripheral Blood in EDTA	Non-Genomic Tests	Flowcytometry
MGM938	35 days	TRIO Clinical Exome sequencing (80-100x)[Extended TAT]		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing

MGM937	35 days	TRIO - Whole exome sequencing (80-100x)[Extended TAT]		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM929	35 days	Whole exome sequencing (80-100x)[Extended TAT]		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM928	35 days	Clinical exome (80-100x)[Extended TAT]		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM788	14 days	Johanson-Blizzard syndrome (UBR1) gene analysis[Expedited TAT]		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM787	14 days	Congenital adrenal hyperplasia due to 3-beta-hydroxysteroid dehydrogenase 2 deficiency (HSD3B2) gene analysis[Expedited TAT]		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM786	14 days	Fukuyama Congenital Muscular Dystrophy (FKTN) gene sequencing (does not include repeat expansions)[Expedited TAT]		Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM785	14 days	TTN gene sequencing[Expedited TAT]		Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM784	14 days	PDGFRB gene sequencing[Expedited TAT]		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM783	14 days	POLG gene analysis[Expedited TAT]		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM782	14 days	Gaucher disease (GBA) gene analysis[Expedited TAT]		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM781	14 days	G6PD gene sequencing [Expedited TAT]		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM780	14 days	TBC1D24 gene analysis[Expedited TAT]		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM779	14 days	Alkaptonuria (HGD) gene analysis[Expedited TAT]		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM778	14 days	Pulmonary surfactant metabolism dysfunction gene panel[Expedited TAT]		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM777	14 days	Neurotransmitter disorders gene panel[Expedited TAT]		Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM776	14 days	Monogenic and syndromic obesity gene panel[Expedited TAT]		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM775	14 days	Congenital hepatic fibrosis gene panel[Expedited TAT]		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM774	14 days	Adrenoleukodystrophy (ABCD1) gene analysis[Expedited TAT]		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM773	14 days	Giant axonal neuropathy-1 (GAN) gene analysis[Expedited TAT]		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM772	14 days	Nephrotic syndrome gene panel[Expedited TAT]		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing

MGM771	14 days	Biotinidase deficiency (BTD) gene analysis[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM770	14 days	Bone marrow failure syndrome gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM769	14 days	Leptin deficiency (LEP) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM768	14 days	Methemoglobinemia (CYB5R3) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM767	14 days	Congenital amegakaryocytic thrombocytopenia (MPL) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM766	14 days	Iron-refractory iron deficiency anemia (TMPRSS6) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM765	14 days	Klippel-Feil syndrome gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM761	14 days	Harlequin ichthyosis (ABCA12) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM760	14 days	Seckel syndrome gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM759	14 days	Lysosomal acid lipase deficiency (LIPA) gene analysis[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM758	14 days	Pulmonary alveolar microlithiasis (SLC34A2) gene analysis[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM757	14 days	Fraser syndrome gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM756	14 days	PMP22 gene analysis (inflammatory demyelinating polyneuropathy screen)[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM755	14 days	Acute intermittent porphyria (HMBS) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM754	14 days	Hereditary multiple exostoses gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM753	14 days	Rasopathy gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM752	14 days	Phenylketonuria (PAH) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM751	14 days	Galactosialidosis (CTSA) gene analysis[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM750	14 days	Galactosemia (GALT) gene analysis[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing

MGM749	14 days	Fucosidosis (FUCA1) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM748	14 days	Farber lipogranulomatosis (ASAH1) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM747	14 days	Alstrom syndrome (ALMS1) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM746	14 days	Alpha-mannosidosis (MAN2B1) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM745	15 days	Alpha-1 antitrypsin deficiency (SERPINA1) gene analysis[Expedited TAT]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM744	14 days	Tyrosinemia gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM743	14 days	Sialidosis (NEU1) gene analysis[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM742	14 days	Polycystic liver disease gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM741	14 days	Hereditary fructose intolerance (ALDOB) gene sequencing[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM740	14 days	GM1 gangliosidosis/mucopolysaccharidosis type IVB (GLB1) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM739	14 days	Thrombotic Thrombocytopenic Purpura (ADAMTS13) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM738	14 days	Alexander disease (GFAP) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM736	14 days	Cantu syndrome (ABCC9) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM735	14 days	Gilbert or Crigler-Najjar syndrome (UGT1A1) gene analysis (only point mutations)[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM734	14 days	Hyper-immunoglobulin E syndrome (DOCK8) gene sequencing[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM733	14 days	Wiskott Aldrich syndrome (WAS) gene analysis.[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM732	14 days	C8orf37 gene sequencing[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM731	14 days	Brown Vialetto-Van Laere syndrome gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM730	14 days	TRIO Clinical Exome sequencing (80-100x)[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM729	14 days	TRIO - Whole exome sequencing (80-100x) [Expedited TAT]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM728	14 days	Spinal muscular atrophy gene panel (does not include SMN1/SMN2)[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM727	14 days	Non-immune hydrops gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM726	14 days	Hereditary pancreatitis gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM725	14 days	Haemophilia B (F9) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM724	14 days	Haemophilia A (F8) gene analysis (analysis of the F8 inversion is not included)[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM723	14 days	Corneal dystrophy gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM722	14 days	Hereditary Hemolytic Anemia Panel (For RBC membrane disorders and Enzymopathies)[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM721	14 days	Whole exome sequencing (80-100x)[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM720	14 days	Clinical exome (80-100x)[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM719	14 days	Sotos syndrome gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM718	14 days	Smith-Lemli-Opitz syndrome (DHCR7) gene analysis[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM717	14 days	Craniosynostosis gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM716	14 days	Pallister Hall syndrome (GLI3) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM715	14 days	Noonan syndrome gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM714	14 days	Cornelia de Lange syndrome gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM713	14 days	Cohen's syndrome (VPS13B) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM712	14 days	Ciliopathy gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM711	14 days	ATRX gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM710	14 days	Alagille syndrome gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing

MGM709	14 days	Usher syndrome gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM708	14 days	Retinal degeneration gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM707	14 days	Optic atrophy gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM706	14 days	Microphthalmia and anophthalmia gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM705	14 days	Leber congenital amaurosis gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM704	14 days	Congenital stationary night blindness gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM703	14 days	Congenital cataract gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM702	14 days	Bardet-Biedl syndrome gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM701	14 days	TSC1 & TSC2 gene analysis[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM700	14 days	RB1 gene analysis (Germline) [Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM699	14 days	Neurofibromatosis type 2 (NF2) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM698	14 days	Neurofibromatosis (NF1 and NF2) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM697	14 days	Lynch Syndrome/HNPCC gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM696	14 days	Hereditary cancer gene panel - [Expedited TAT]		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM693	14 days	Hereditary BRCA1 & BRCA2 gene analysis[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM691	14 days	Tay-Sachs disease (HEXA) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM690	14 days	Rett Syndrome gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM689	14 days	Pontocerebellar hypoplasia gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM688	14 days	NOTCH3 (CADASIL) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM687	14 days	Neuronal migration disorder gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM686	14 days	Neuronal ceroid lipofuscinosis gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing

MGM685	14 days	Microcephaly gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM684	14 days	Lissencephaly gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM683	14 days	Joubert syndrome gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM682	14 days	Hereditary spastic paraplegia gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM681	14 days	Familial hemiplegic migraine gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM680	14 days	Cystic megalencephaly (MLC1) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM679	14 days	Comprehensive neurology panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM678	14 days	Cockayne syndrome gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM677	14 days	Aicardi-Goutieres syndrome gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM676	14 days	4H syndrome gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM675	14 days	Myotonia congenita gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM674	14 days	Muscular dystrophy & congenital myopathy gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM673	14 days	Duchenne muscular dystrophy (DMD) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM672	14 days	Charcot-Marie-Tooth and sensory neuropathies gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM671	14 days	Arthrogryposis & congenital myasthenic syndrome gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM670	14 days	Neurodegeneration with brain iron accumulation gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM669	14 days	Hyperekplexia gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM668	14 days	Episodic ataxia gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM667	14 days	Early-onset juvenile parkinsonism gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM666	14 days	Dystonia gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing

MGM665	14 days	Ataxia-telangiectasia (ATM) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM664	14 days	Metachromatic leukodystrophy gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM663	14 days	Leukodystrophy gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM662	14 days	Krabbe disease (GALC) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM661	14 days	Hypomyelination syndrome gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM660	14 days	Canavan disease (ASPA) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM659	14 days	Progressive myoclonic epilepsy gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM658	14 days	Familial female mental retardation/epilepsy gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM657	14 days	Epileptic encephalopathy gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM656	14 days	Dravet syndrome (SCN1A) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM655	14 days	Benign infantile epilepsy gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM654	14 days	Xanthinuria gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM653	14 days	Primary hyperoxaluria gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM652	14 days	Polycystic kidney disease gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM651	14 days	Meckel Gruber syndrome gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM650	14 days	Bartter syndrome gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM649	14 days	Alport syndrome gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM648	14 days	Wilson disease (ATP7B) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM647	14 days	Urea cycle defects gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM646	14 days	Progressive familial intrahepatic cholestasis gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM645	14 days	Pompe disease (GAA) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing

MGM644	14 days	Peroxisomal disorder gene panel (includes adrenoleukodystrophy)[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM643	14 days	Organic acidemia gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM642	14 days	Niemann-Pick disease gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM641	14 days	Mucopolysaccharidosis gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM640	14 days	Methylmalonic aciduria gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM639	14 days	Menkes disease (ATP7A) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM638	14 days	McArdle disease (PYGM) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM637	14 days	Maple syrup urine disease gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM636	14 days	Mitochondrial nuclear gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM635	14 days	Hyperargininemia (ARG1) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM634	14 days	Hypercholesterolemia gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM633	14 days	Homocystinuria gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM632	14 days	Hemochromatosis gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM631	14 days	Glycosylation (CDG) disorders gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM630	14 days	Glycogen storage disorder gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM629	14 days	Glycine encephalopathy gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM628	14 days	GLUT1 deficiency (SLC2A1) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM627	14 days	Fatty acid oxidation disorders gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM626	14 days	Fanconi bickel syndrome (SLC2A2) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM625	14 days	Citrullinemia gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing

MGM624	14 days	Severe combined immunodeficiency (SCID) gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM623	14 days	Primary immunodeficiency gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM622	14 days	Hemophagocytic lymphohistiocytosis (HLH) gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM621	14 days	Cystic fibrosis (CFTR) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM620	14 days	Congenital neutropenia gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM619	14 days	Chediak-Higashi syndrome (LYST) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM618	14 days	Agammaglobulinemia (BTK) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM617	14 days	Von Willebrand disease (VWF) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM616	14 days	Hereditary spherocytosis gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM615	14 days	Sideroblastic anaemia gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM614	14 days	Hereditary elliptocytosis gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM613	14 days	Haemophilia (F8 & F9) gene panel (analysis of the F8 inversion is not included)[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM612	14 days	Fanconi anemia gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM611	14 days	Factor VII deficiency (F7) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM610	14 days	Dyskeratosis congenita gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM609	14 days	Diamond blackfan anemia gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM608	14 days	Congenital dyserythropoietic anemia gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM607	14 days	Congenital afibrinogenemia gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM606	14 days	Aplastic anemia gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing

MGM605	14 days	Waardenburg syndrome gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM604	14 days	Mondini defect (SLC26A4) gene analysis[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM603	14 days	Deafness gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM602	14 days	Maturity-onset diabetes of the young (MODY) & neonatal diabetes gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM601	14 days	Kallmann syndrome gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM600	14 days	Congenital hypopituitarism gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM599	14 days	Androgen receptor (AR) gene analysis[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM598	14 days	Xeroderma pigmentosum gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM597	14 days	Sjogren-Larsson syndrome (ALDH3A2) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM596	14 days	Oculocutaneous albinism gene panel[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM595	14 days	Ichthyosis gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM594	14 days	Epidermolysis bullosa gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM593	14 days	Ectodermal dysplasia gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM592	14 days	Skeletal dysplasia gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM591	14 days	Pachydermoperiostosis & primary hypertrophic osteoarthropathy gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM590	14 days	Osteopetrosis gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM589	14 days	Osteogenesis imperfecta gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM588	14 days	Marfan syndrome (FBN1) gene analysis[Expedited TAT]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM587	14 days	Ehler Danlos syndrome gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM586	14 days	Cutis-laxa gene panel[Expedited TAT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing

MGM585	14 days	Connective tissue disorder gene panel[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM584	14 days	Achondroplasia (FGFR3) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM583	14 days	Fabry disease (GLA) gene analysis[Expedited TAT]		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM582	14 days	Cardiomyopathy gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM581	14 days	Cardiac channelopathy gene panel[Expedited TAT]		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM580	4 days	MIB-1/Ki67 IHC analysis by VENTANA		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM579	4 days	Her2/neu IHC analysis (VENTANA)		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM577	4 days	PR IHC analysis by VENTANA		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM576	10 days	Karyotyping (Leukemia)		Peripheral Blood in Heparin		Karyotyping/Cytogenetics
MGM575	12 days	Karyotyping (Non-Leukemia)		Bone Marrow Aspirate in Heparin		Karyotyping/Cytogenetics
MGM574	10 days	[Combo] Myeloproliferative neoplasm (MPN) reflex panel with BCR-ABL [NGS & RT-PCR]		Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA,DIRECT DNA	Genomic Test	Combo test
MGM573	7 days	[Combo] Lung combo panel - IHC (ALK D5F3, ROS1) & RT-PCR (BRAF V600E, EGFR [Hot Spot] exons 18, 19, 20, 21)		FFPE	Non- Genomic test/ Genom	Combo test
MGM570	14 days	IKBKG deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM569	19 days	Pyridoxine-dependent epilepsy (ALDH7A1) gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM567	19 days	PROM1 gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM562	70 days	DCLRE1C gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM561	19 days	Hyaline fibromatosis syndrome (ANTXR2) gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM560	14 days	MLPA for common microdeletion syndromes		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	MLPA
MGM558	30 days	Whole genome sequencing (mean 10x) - only CNV analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM553	19 days	Johanson-Blizzard syndrome (UBR1) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM552	14 days	Alagille syndrome 1 (JAG1) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM551	12 days	Irinotecan toxicity testing (UGT1A1)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM546	14 days	ALK gene Resistance mutation analysis by NGS		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM545	19 days	Congenital adrenal hyperplasia due to 3-beta-hydroxysteroid dehydrogenase 2 deficiency (HSD3B2) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM544	19 days	Fukuyama Congenital Muscular Dystrophy (FKTN) gene sequencing (does not include repeat expansions)		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM543	19 days	TTN gene sequencing		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM542	19 days	PDGFRB gene sequencing		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM541	19 days	POLG gene sequencing		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM540	19 days	Gaucher disease (GBA) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM539	6 days	[Combo] ALK D5F3 & ROS1 IHC analysis		FFPE	Non- Genomic test	Combo test
MGM537	14 days	Tumor BRCA1 & BRCA2 Gene Analysis		FFPE,Tissue in RNA later	Genomic Tests	Next Generation Sequencing
MGM536	7 days	Claria NIPT Twins		Maternal blood only	Genomic Tests	NIPT - NGS
MGM534	19 days	G6PD gene sequencing		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM533	19 days	Coffin Lowry syndrome (RPS6KA3) gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM529	14 days	Aneuploidy MLPA		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM528	14 days	Subtelomere deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM527	7 days	Microsatellite Instability (MSI) by fragment analysis		FFPE	Genomic Tests	Fragment Analysis
MGM525	7 days	PDL1 IHC analysis (SP263 clone)		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM524	7 days	HLA-B*27 by NGS		BUCCAL SWAB,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM523	19 days	ABCD1 gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM521	6 days	FISH for ERBB2(HER2) gene amplification for breast cancer only		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM518	14 days	Clinical exome (80-100x) - [Raw data (ONLY FASTQ) , NO CLINICAL REPORT]		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM517	7 days	HLA Typing High resolution (A*, B*, C*, DRB1*, DQB1*)		BUCCAL SWAB,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM516	14 days	DiGeorge syndrome deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM515	19 days	SRD5A2 gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing

MGM514	10 days	Chromosomal Microarray - Affymetrix Cytoscan Optima low resolution genechip		Chorionic Villus Sample,DIRECT DNA,Amniotic fluid,Peripheral Blood in EDTA,Product of conception,DNA (POC)	Genomic Tests	Microarray
MGM511	19 days	TBC1D24 gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM509	19 days	Alkaptonuria (HGD) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM506	6 days	Lung tumor panel I IHC (ALK D5F3, ROS1, c-MET)		FFPE	Non- Genomic test	Combo test
MGM505	6 days	Lung tumor panel II IHC (Any two - ALK D5F3, ROS1, c-MET)		FFPE	Non- Genomic test	Combo test
MGM504	14 days	Sanger validation [1 variant]		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Sanger Sequencing
MGM503	19 days	Pulmonary surfactant metabolism dysfunction gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM502	19 days	Neurotransmitter disorders gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM501	19 days	Monogenic and syndromic obesity gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM500	19 days	Congenital hepatic fibrosis gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM499	12 days	Leukemia Panel (SNVs, small INDELS and CNVs) by NGS		DIRECT DNA,FFPE,Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM498	19 days	Adrenoleukodystrophy (ABCD1) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM497	3 days	FISH for Deletion 17p(TP53), CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM496	3 days	FISH for deletion 13q(13q14.2, 13q34), CLL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM494	21 days	SHOX deletion/duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM492	70 days	Autosomal dominant adult-onset demyelinating leukodystrophy (LMNB1) deletion/duplication analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM487	19 days	Giant axonal neuropathy-1 (GAN) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM483	19 days	Nephrotic Syndrome Gene Panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM482	10 days	OncoFocus Express - Liquid Biopsy NGS test for EGFR gene mutations	EGFR	Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM481	12 days	OncoFocus -Liquid Biopsy NGS test for EGFR gene mutations	EGFR	Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM476	15 days	Claria NIPT Plus		Maternal blood only	Genomic Tests	NIPT - NGS

MGM475	3 days	CHIMERISM TESTING ONLY FOR PRE BMT ENGRAFTMENT MONITORING BY STR TYPING (Only Pre-engraftment Sample of Patient & Donor Sample)		BUCCAL SWAB,DIRECT DNA,Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Fragment Analysis
MGM473	19 days	Biotinidase deficiency (BTD) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM467	6 days	FISH for 1p19q co-deletion,1p3619q13		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM466	3 days	FISH for BCR-ABL t(9;22)(q34;q11.2), AML/CML/MPN		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM465	3 days	FISH for MLL (11q23) rearrangement/amplification, AML/ALL/MDS		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM464	5 days	FISH for MDS (ANY 3 markers- Inv 3, del 5/5q, del 7/7q, Trisomy 8, MLL, DEI 13q, Del 17p,Del 20q)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM463	5 days	FISH for MDS (ANY 5 markers- Inv 3, del 5/5q, del 7/7q, Trisomy 8, MLL, DEI 13q, Del 17p,Del 20q)		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM462	3 days	FISH for Inv(3) (MECOM, 3q26) gene rearrangement, MDS/AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM461	3 days	FISH for Trisomy 8 (C-MYC rearrangement/amplification), MDS/AML/ALL		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM460	6 days	FISH for del20q , MDS/AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM459	3 days	FISH for Deletion 5/5q (5q31,5q33), MDS/AML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM458	6 days	FISH for Deletion 7/7q (7q22,7q31), MDS/AML/CML/JMML		Bone Marrow Aspirate in Heparin	Non-Genomic Tests	FISH
MGM456	14 days	Myotonia congenita (CLCN1) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM455	14 days	Oncotrack Ultima - Liquid Biopsy test by NGS (SNVs & InDels)		Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM454	14 days	Charcot-Marie-Tooth type 4C (SH3TC2) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM453	19 days	Bone marrow failure syndrome gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM452	19 days	Leptin deficiency (LEP) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM449	14 days	Prader-Willi/Angelman syndrome Methylation-specific deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM448	14 days	Ehlers-Danlos syndrome type VI (PLOD1) deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM443	19 days	Methemoglobinemia (CYB5R3) gene analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM442	19 days	Congenital amegakaryocytic thrombocytopenia (MPL) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing

MGM441	19 days	Iron-refractory iron deficiency anemia (TMPRSS6) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM436	19 days	Klippel-Feil syndrome gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM435	14 days	Beckwith-Wiedemann /Russell-Silver syndrome Methylation-specific deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM434	14 days	Carrier screening - Platinum [MLPA (SMA, CYP21A2)]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM433	28 days	Carrier screening - Platinum [2000 recessive genes included in clinical exome] (113875)		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM432	14 days	Carrier screening - Gold [MLPA (SMA, CYP21A2)]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	MLPA
MGM431	21 days	Carrier screening - Gold [500 genes NGS]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM429	21 days	Carrier screening - Silver [100 genes NGS]		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM428	14 days	DCX & PFAFH1B1 deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM427	19 days	Harlequin ichthyosis (ABCA12) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM424	19 days	Seckel syndrome gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM423	19 days	Lysosomal acid lipase deficiency (LIPA) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM422	19 days	Pulmonary alveolar microlithiasis (SLC34A2) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM421	19 days	Fraser syndrome gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM420	12 days	OncoSelect - Liquid Biopsy NGS test for EGFR TKI resistance	EGFR	Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM419	19 days	PMP22 gene analysis (inflammatory demyelinating polyneuropathy screen)		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM418	2 days	Myeloma Panel - Flowcytometry (CD45, CD38, CD19, CD56, CD138, kappa, lambda)		Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Non-Genomic Tests	Flowcytometry
MGM417	2 days	Myelodysplasia Panel - Flowcytometry		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Non-Genomic Tests	Flowcytometry
MGM416	2 days	Lymphoproliferative Disorder Classifier Panel - Flowcytometry		Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Non-Genomic Tests	Flowcytometry
MGM415	2 days	Chronic Lymphoid Leukemia Panel - Flowcytometry		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Non-Genomic Tests	Flowcytometry
MGM414	2 days	Body fluid Leukemia/Lymphoma screen - Flowcytometry		Body Fluid	Non-Genomic Tests	Flowcytometry
MGM413	2 days	Acute Leukemia Screen Panel - Flowcytometry		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Non-Genomic Tests	Flowcytometry

MGM412	2 days	Acute Leukemia Classifier Panel - Flowcytometry		Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Non-Genomic Tests	Flowcytometry
MGM407	19 days	Acute intermittent porphyria - HMBS gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM405	19 days	Hereditary multiple exostoses gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM404	4 days	Her2 IHC – Gastric tissue VENTANA		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM403	12 days	OncoTrack - Liquid Biopsy NGS test (EGFR, KRAS, NRAS, BRAF)	EGFR,NRAS,KR	Blood in streck tube	Genomic Tests	Next Generation Sequencing
MGM400	19 days	Rasopathy gene Panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM399	19 days	Phenylketonuria (PAH) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM397	19 days	Galactosialidosis (CTSA) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM396	19 days	Galactosemia (GALT) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM395	19 days	Fucosidosis (FUCA1) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM394	19 days	Farber lipogranulomatosis (ASAH1) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM392	19 days	Alstrom syndrome (ALMS1) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM391	19 days	Alpha-mannosidosis (MAN2B1) gene analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM390	19 days	Alpha-1 antitrypsin deficiency (SERPINA1) gene analysis		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM389	19 days	Tyrosinemia gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM388	19 days	Sialidosis (NEU1) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM387	19 days	Polycystic liver disease gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM386	19 days	Hereditary fructose intolerance (ALDOB) gene sequencing		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM385	19 days	GM1 gangliosidosis/mucopolysaccharidosis type IVB (GLB1) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM384	19 days	Thrombotic Thrombocytopenic Purpura (ADAMTS13) gene analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM383	10 days	Raw data analysis (Fastq to reporting) for exome		Raw Data	Genomic Tests	Next Generation Sequencing

MGM373	14 days	X-linked adrenoleukodystrophy (ABCD1) deletion/duplication analysis		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	MLPA
MGM372	19 days	Alexander disease (GFAP) gene analysis		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM371	21 days	Von Hippel-Lindau syndrome (VHL) gene analysis		DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM366	19 days	Cantu syndrome (ABCC9) gene sequencing		Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM365	21 days	Re-analysis		Raw Data	Genomic Tests	Next Generation Sequencing
MGM360	19 days	Gilbert syndrome (UGT1A1) gene analysis (only point mutation analysis)		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM264	19 days	Cohen's syndrome (VPS13B) gene analysis		Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM259	19 days	Usher syndrome gene panel		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM257	19 days	Retinal Degeneration gene panel		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM222	14 days	RB1 gene deletion/duplication Analysis		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	MLPA
MGM221	19 days	RB1 gene analysis (germline)		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM256	19 days	Optic atrophy gene panel		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM254	19 days	Microphthalmia and anophthalmia gene panel		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM252	19 days	Leber congenital amaurosis gene panel		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM245	19 days	Congenital cataract gene panel		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM244	19 days	Bardet-Biedl syndrome gene panel		Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM236	4 days	ALK D5F3 analysis		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM196	21 days	Tumour Mutation panel (SNVs, InDels & CNVs)		Tissue in RNA later, FFPE	Genomic Tests	Next Generation Sequencing
MGM218	10 days	PDGFRA gene analysis by NGS (3 exons -12, 14, 18)		DIRECT DNA, Bone Marrow Aspirate in EDTA, Tissue in RNA later, Peripheral Blood in EDTA, FFPE	Genomic Tests	Next Generation Sequencing
MGM217	5 days	NRAS gene analysis (Hot Spot)		FFPE curls, FFPE slides, FFPE	Genomic Tests	Real Time PCR
MGM331	21 days	Non Small Cell Lung Cancer (NSCLC) Panel (SNVs and InDels)		Tissue in RNA later, FFPE	Genomic Tests	Next Generation Sequencing
MGM207	7 days	MGMT gene methylation analysis (Temozolomide Resistance)		FFPE slides, FFPE, FFPE curls	Genomic Tests	Real Time PCR

MGM206	14 days	MDS prognostication and risk stratification gene panel		DIRECT DNA,Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM203	5 days	KRAS gene analysis (Hot Spot)		FFPE,FFPE curls,FFPE slides	Genomic Tests	Real Time PCR
MGM202	10 days	KIT gene analysis by NGS (4 exons- 9, 11, 13, 17)		Tissue in RNA later,FFPE	Genomic Tests	Next Generation Sequencing
MGM199	7 days	JAK2 gene analysis - 2 exons (12, 14)		Peripheral Blood in EDTA,DIRECT DNA,Bone Marrow Aspirate in EDTA	Genomic Tests	Next Generation Sequencing
MGM198	10 days	BCR::ABL1 Mutation Analysis for TKI Resistance		Peripheral Blood in EDTA,DIRECT RNA	Genomic Tests	Next Generation Sequencing
MGM195	21 days	Hereditary Lynch Syndrome/HNPCC gene Panel		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM194	21 days	Hereditary cancer gene panel		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM333	21 days	Gastrointestinal Stromal Tumor (GIST) Panel (SNVs, InDels and Fusions)		Tissue in RNA later,FFPE	Genomic Tests	Next Generation Sequencing
MGM190	4 days	EGFR gene analysis (Hot Spot) - 4 exons (18, 19, 20, 21)	EGFR	FFPE slides,FFPE,FFPE curls	Genomic Tests	Real Time PCR
MGM332	14 days	Colorectal Cancer Panel (SNVs, InDels and CNVs)		Tissue in RNA later,FFPE	Genomic Tests	Next Generation Sequencing
MGM183	21 days	Carney complex (PRKAR1A) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM179	14 days	Hereditary BRCA1 and BRCA2 gene analysis		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM178	14 days	BRCA1 & BRCA2 deletion/duplication analysis		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM171	21 days	Adenomatous polyposis coli (APC) gene analysis		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM287	21 days	Spinocerebellar ataxia repeat expansion analysis: SCA1, SCA2, SCA3, SCA6, SCA7,SCA12		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Fragment Analysis
MGM285	14 days	Spinocerebellar ataxia repeat expansion analysis: Any two of (SCA1, SCA2, SCA3, SCA6, SCA7, SCA12)		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Fragment Analysis
MGM282	14 days	Spinocerebellar ataxia 6 (CACNA1A) repeat expansion analysis		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Fragment Analysis
MGM281	14 days	Spinocerebellar ataxia 3 (ATXN3) repeat expansion analysis		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Fragment Analysis
MGM280	14 days	Spinocerebellar ataxia 2 (ATXN2) repeat expansion analysis		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Fragment Analysis
MGM284	14 days	Spinocerebellar ataxia 12 (PPP2R2B) repeat expansion analysis		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Fragment Analysis
MGM162	19 days	Rett Syndrome gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM160	19 days	Pontocerebellar hypoplasia gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM130	19 days	Neurodegeneration with brain iron accumulation gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing

MGM158	19 days	NOTCH3 (CADASIL) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM157	19 days	Neuronal migration disorder gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM156	19 days	Neuronal ceroid lipofuscinosis gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM142	19 days	Myotonia congenita gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM141	19 days	Muscular dystrophy and congenital myopathy gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM155	19 days	Microcephaly gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM122	19 days	Metachromatic leukodystrophy gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM154	19 days	Lissencephaly gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM121	19 days	Leukodystrophy gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM119	19 days	Krabbe disease (GALC) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM128	19 days	Hyperekplexia gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM152	19 days	Hereditary spastic paraplegia gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM151	19 days	Familial hemiplegic migraine gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM127	19 days	Episodic ataxia gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM146	19 days	Aicardi-Goutieres syndrome gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM145	19 days	4H syndrome gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM132	19 days	Charcot-Marie-Tooth and sensory neuropathies gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM131	19 days	Arthrogryposis & congenital myasthenic syndrome gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM126	19 days	Early-onset juvenile parkinsonism gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM125	19 days	Dystonia gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing

MGM124	19 days	Ataxia-telangiectasia (ATM) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM123	14 days	Ataxia-telangiectasia (ATM) deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM118	19 days	Hypomyelination syndrome gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM114	19 days	Progressive myoclonic epilepsy gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM113	19 days	Familial female mental retardation/epilepsy gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM112	19 days	Epileptic encephalopathy gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM110	19 days	Dravet syndrome (SCN1A) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM109	19 days	Benign infantile epilepsy gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM229	19 days	TSC1 and TSC2 gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM212	14 days	Neurofibromatosis type 1 (NF1) deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM215	19 days	Neurofibromatosis type 2 (NF2) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM213	19 days	Neurofibromatosis (NF1 and NF2) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM108	19 days	Xanthinuria gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM107	19 days	Primary hyperoxaluria gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM104	19 days	Bartter syndrome gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM276	14 days	Whole mitochondrial genome sequencing		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM274	19 days	Whole exome sequencing (80-100x)		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM278	14 days	Raw data charges		Raw Data	Genomic Tests	Next Generation Sequencing
MGM277	14 days	Additional family member (investigational) testing - 1 variant		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Sanger Sequencing

MGM102	19 days	Wilson disease (ATP7B) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM101	19 days	Urea cycle defects gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM100	19 days	Progressive familial intrahepatic cholestasis gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM096	19 days	Organic acidemia gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM095	19 days	Niemann-Pick disease gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM091	19 days	Menkes disease (ATP7A) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM089	19 days	McArdle disease (PYGM) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM088	19 days	Maple syrup urine disease gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM087	19 days	Mitochondrial nuclear gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM086	19 days	Hyperargininemia (ARG1) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM084	19 days	Homocystinuria gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM083	19 days	Hemochromatosis gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM081	19 days	Glycogen storage disorder gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM080	19 days	Glycine encephalopathy gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM076	14 days	UGT1A1 repeat analysis		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Fragment Analysis
MGM075	19 days	Fatty acid oxidation disorders gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM074	19 days	Fanconi bickel syndrome (SLC2A2) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM073	19 days	Citrullinemia gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM072	19 days	Severe combined immunodeficiency (SCID) gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM064	19 days	Cystic fibrosis (CFTR) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing

MGM063	19 days	Congenital neutropenia gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM071	19 days	Primary immunodeficiency gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM067	19 days	Hemophagocytic lymphohistiocytosis (HLH) gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM060	19 days	Von Willebrand disease (VWF) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM057	10 days	Sickle cell anemia (HBB) gene analysis (exon 1)		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Sanger Sequencing
MGM059	19 days	Hereditary Spherocytosis gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM051	19 days	Fanconi anemia gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM050	19 days	Factor VII deficiency (F7) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM049	7 days	Factor V Leiden (F5) mutation analysis (exon 10)		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Sanger Sequencing
MGM048	19 days	Dyskeratosis congenita gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM047	19 days	Diamond blackfan anemia gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM046	19 days	Congenital dyserythropoietic anemia gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM045	19 days	Congenital afibrinogenemia gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM044	14 days	Beta thalassemia [HBB] gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM262	19 days	ATRX gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM039	19 days	Waardenburg syndrome gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM037	19 days	Deafness gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM032	19 days	Kallmann syndrome gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM031	19 days	Congenital hypopituitarism gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM030	14 days	Congenital adrenal hyperplasia CYP21A2 (21-OH) deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA

MGM027	19 days	Androgen receptor (AR) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM025	19 days	Xeroderma pigmentosum gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM021	19 days	Epidermolysis bullosa gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM020	19 days	Ectodermal dysplasia gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM019	19 days	Skeletal dysplasia gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM018	19 days	Pachydermoperiostosis & primary hypertrophic osteoarthropathy gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM017	19 days	Osteopetrosis gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM016	19 days	Osteogenesis imperfecta gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM015	19 days	Marfan syndrome (FBN1) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM011	19 days	Connective tissue disorder gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM270	19 days	Sotos syndrome gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM269	19 days	Smith-Lemli-Opitz syndrome (DHCR7) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM267	19 days	Pallister Hall syndrome (GLI3) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM266	19 days	Noonan syndrome gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM265	19 days	Cornelia de Lange Syndrome gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM103	19 days	Alport syndrome gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM261	19 days	Alagille syndrome gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM002	19 days	Cardiomyopathy gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM001	19 days	Cardiac channelopathy gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM352	19 days	Hyper-immunoglobulin E syndrome (DOCK8) gene sequencing		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing

MGM348	14 days	Choroideremia (CHM) deletion/duplication analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	MLPA
MGM347	14 days	Progressive familial intrahepatic cholestasis-3 (ABCB4) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM346	14 days	Ornithine transcarbamylase deficiency (OTC) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM345	2 days	Maternal Cell Contamination (MCC) check in prenatal DNA		Fetal DNA, Amniotic Fluid, CVS, Product of Conception, Cord blood, Cord tissue	Genomic Tests	Fragment Analysis
MGM023	19 days	Oculocutaneous albinism gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM343	19 days	Wiskott Aldrich syndrome (WAS) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM341	14 days	Multiple exostoses (EXT1 & EXT2) deletion duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM340	12 days	DPYD mutation analysis		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM342	19 days	C8orf37 gene sequencing		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM337	7 days	HLA-B*1502 for carbamazepine toxicity		BUCCAL SWAB,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM338	19 days	Brown Vialetto-Van Laere syndrome gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM330	14 days	CEL/HES (Chronic eosinophilic leukemia/hyper eosinophilic syndrome) prognostic gene panel		DIRECT DNA,Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM329	14 days	CMML (Chronic myelomonocytic Leukemia) risk stratification gene panel		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM327	19 days	TRIO Clinical Exome sequencing (80-100x)		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM326	19 days	TRIO - Whole exome sequencing (80-100x)		DIRECT DNA,Peripheral Blood in EDTA,Product of conception,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM324	14 days	WAGR syndrome (PAX6) deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM322	14 days	Spinocerebellar ataxia 7 (ATXN7) repeat expansion analysis		DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Fragment Analysis
MGM321	19 days	Spinal Muscular Atrophy gene Panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM319	14 days	Protein S deficiency (PROS1 gene deletion/duplication analysis)		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM318	14 days	Propionic acidemia deficiency (PCCA) deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM316	14 days	Neurodegeneration with brain iron accumulation 2B (PLA2G6) deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA

MGM315	19 days	Non-immune hydrops gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM312	4 days	Mismatch repair deficiency (dMMR) test by IHC - VENTANA [MLH1, MLH2, MSH6 & PMS2]		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM309	19 days	Hereditary pancreatitis gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM308	14 days	Hemolytic uremic syndrome (CFH, CFHR1, CFHR2, CFHR3 & CFHR5) deletion duplication analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	MLPA
MGM307	19 days	Haemophilia B (F9) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM306	19 days	Haemophilia A (F8) gene analysis (analysis of the F8 inversion is not included)		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM305	14 days	Early infantile epileptic encephalopathy-4 (STXBP1) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM303	19 days	Corneal dystrophy gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM302	14 days	Charcot-Marie-Tooth type 4 (EGR2, GDAP1, NEFL, PRX) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM300	19 days	GNPTAB gene sequencing		Peripheral blood in EDTA, Direct DNA	Genomic Tests	Next Generation Sequencing
MGM295	10 days	Chromosomal Microarray - Affymetrix Cytoscan HD genechip		DIRECT DNA,Peripheral Blood in EDTA,DNA (POC)	Genomic Tests	Microarray
MGM294	10 days	Chromosomal Microarray - Affymetrix Cytoscan 750K genechip		Peripheral Blood in EDTA,Chorionic Villus Sample,DNA (POC),Amniotic fluid,DIRECT DNA	Genomic Tests	Microarray
MGM293	19 days	Hereditary Hemolytic Anemia Panel (For RBC membrane disorders and Enzymopathies)		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM291	12 days	RAS extended profiling analysis by NGS		FFPE	Genomic Tests	Next Generation Sequencing
MGM507	14 days	Spinocerebellar ataxia 1 (ATXN1) repeat expansion analysis		Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Fragment Analysis
MGM272	19 days	Clinical exome (80-100x)		Peripheral Blood in EDTA,DNA (POC),Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM271	14 days	Sotos syndrome (NSD1) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM268	19 days	Craniosynostosis gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM263	19 days	Ciliopathy gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM260	14 days	Usher syndrome (USH2A) deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Product of conception,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA

MGM249	19 days	Congenital stationary night blindness gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM243	4 days	ROS1 IHC analysis		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM242	4 days	Prognostic/predictive IHC4 panel (ER, PR, Her2/neu,MIB-1/Ki67) (VENTANA)		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM241	4 days	Breast Prognostic/predictive IHC3 panel (ER, PR, Her2/neu) (VENTANA)		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM240	4 days	Breast Prognostic/predictive IHC2 panel (ER, PR) (VENTANA)		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM238	4 days	c-MET IHC analysis by VENTANA		FFPE	Non-Genomic Tests	Immuno Histo Chemistry
MGM233	14 days	TSC2 deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM231	14 days	TSC1 deletion/duplication analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	MLPA
MGM216	14 days	NPM1 gene analysis (Hot Spot - exon 12)		DIRECT DNA,Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Fragment Analysis
MGM214	14 days	Neurofibromatosis type 2 (NF2) deletion/duplication analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	MLPA
MGM211	14 days	MPN prognostication and risk stratification gene panel		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM200	14 days	JMML risk stratification gene panel		Peripheral Blood in EDTA,DIRECT DNA,Bone Marrow Aspirate in EDTA	Genomic Tests	Next Generation Sequencing
MGM191	14 days	MDS-AML Familial gene panel		DIRECT DNA,Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM186	14 days	CML/CNL (atypical) - prognostication gene panel		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM185	14 days	CLL prognostication/risk stratification gene panel		DIRECT DNA,Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM184	14 days	Chronic myeloproliferative disorder gene panel (CMPD)		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM177	7 days	BRAF V600 mutation analysis		FFPE curls,FFPE slides,Peripheral Blood in EDTA,FFPE,Bone Marrow Aspirate in EDTA	Genomic Tests	Real Time PCR
MGM175	4 days	BCR-ABL quantitative gene fusion analysis (Major,Minor & Micro)		Peripheral Blood in EDTA,Bone Marrow Aspirate in EDTA	Genomic Tests	Real Time PCR
MGM174	5 days	BCR-ABL quantitative (International Scale) gene fusion analysis	BCR-ABL (QN)	Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Real Time PCR
MGM173	4 days	BCR-ABL qualitative gene fusion analysis (Major,Minor & Micro)	BCR-ABL (QL)	Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Real Time PCR
MGM170	14 days	AML risk stratification gene panel		Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM168	14 days	B-ALL/T-ALL risk stratification gene panel		DIRECT DNA,Bone Marrow Aspirate in EDTA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM165	14 days	X-linked spastic paraplegia-2 (PLP1) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA

MGM164	19 days	Tay-Sachs disease (HEXA) gene analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM163	14 days	Tay-Sachs disease (HEXA) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM161	14 days	Rett Syndrome (MECP2) deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM153	19 days	Joubert syndrome gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM150	19 days	Cystic megalencephaly (MLC1) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM148	19 days	Comprehensive neurology panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM147	19 days	Cockayne syndrome gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM144	21 days	Spinal Muscular Atrophy (SMN1) gene analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Sanger Sequencing
MGM143	14 days	Spinal Muscular Atrophy (SMN1/SMN2) deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM138	14 days	Calpainopathy/LGMD2A (CAPN3) deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM137	19 days	Duchenne Muscular Dystrophy (DMD) gene sequencing		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM136	14 days	Duchenne Muscular Dystrophy (DMD) deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM135	14 days	Congenital Muscular Dystrophy (LAMA2) deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM134	14 days	PMP22 deletion/duplication analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	MLPA
MGM133	14 days	Charcot-Marie-Tooth 1A/HNPP (PMP22, COX10, TEK3) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM129	14 days	Pantothenate kinase-associated neurodegeneration (PANK2) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM120	14 days	Krabbe disease (GALC) deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM116	19 days	Canavan disease (ASPA) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM111	14 days	Dravet syndrome (SCN1A) deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM106	19 days	Polycystic kidney disease gene panel		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing

MGM105	19 days	Meckel Gruber syndrome gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM099	19 days	Pompe disease (GAA) gene analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM098	14 days	Pompe disease (GAA) deletion/duplication analysis		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	MLPA
MGM097	19 days	Peroxisomal disorder gene panel (includes adrenoleukodystrophy)		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM092	19 days	Methylmalonic aciduria gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM085	19 days	Hypercholesterolemia gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM082	19 days	Glycosylation (CDG) disorders gene panel		Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid,DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM078	19 days	GLUT1 deficiency (SLC2A1) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM077	14 days	GLUT1 deficiency (SLC2A1) deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM069	14 days	DOCK8 and STAT3 deletion/duplication analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	MLPA
MGM068	14 days	Hemophagocytic lymphohistiocytosis deletion/duplication analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	MLPA
MGM066	14 days	Cystic fibrosis (CFTR) gene panel deletion/duplication analysis		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	MLPA
MGM065	7 days	Cystic fibrosis (CFTR) del508 mutation analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Sanger Sequencing
MGM062	19 days	Chediak-Higashi syndrome (LYST) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM061	19 days	Agammaglobulinemia (BTK) gene analysis		DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample,Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM058	19 days	Sideroblastic anaemia gene panel		Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA,Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM056	12 days	MTHFR gene analysis - 2 exons (5 & 8)		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM054	19 days	Hereditary elliptocytosis gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM053	14 days	Haemophilia (F8) deletion/duplication analysis		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM052	19 days	Haemophilia (F8 & F9) gene panel		Chorionic Villus Sample,Amniotic fluid,DIRECT DNA,Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing

MGM043	14 days	Beta thalassemia (HBB) deletion/duplication analysis by NGS		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM042	19 days	Aplastic anemia gene panel		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM040	14 days	Alpha thalassemia (HBA1 & HBA2) deletion/duplication analysis		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM038	19 days	Mondini defect (SLC26A4) gene analysis		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM033	19 days	Maturity-Onset Diabetes of the Young (MODY) & neonatal diabetes gene panel		Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing
MGM028	14 days	Congenital adrenal hyperplasia CYP21A2 (21-OH) gene analysis		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM026	14 days	Androgen receptor (AR) deletion/duplication analysis		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	MLPA
MGM024	19 days	Sjogren-Larsson syndrome (ALDH3A2) gene analysis		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM022	19 days	Ichthyosis gene panel		Chorionic Villus Sample, Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA	Genomic Tests	Next Generation Sequencing
MGM013	19 days	Ehler Danlos syndrome gene panel		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM012	19 days	Cutis-laxa gene panel		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	Next Generation Sequencing
MGM010	19 days	Achondroplasia (FGFR3) gene analysis		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM007	14 days	Fabry disease (GLA) deletion/duplication analysis		Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid, DIRECT DNA	Genomic Tests	MLPA
MGM006	19 days	Fabry disease (GLA) gene analysis		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM005	5 days	Clopidogrel dosage CYP2C19*2 & CYP2C19*3		Peripheral Blood in EDTA, DIRECT DNA	Genomic Tests	Sanger Sequencing
MGM093	19 days	Mucopolysaccharidosis gene panel		DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample, Amniotic fluid	Genomic Tests	Next Generation Sequencing
MGM275	30 days	Whole Genome Sequencing (Mean 30X)		Amniotic fluid, DIRECT DNA, Peripheral Blood in EDTA, Chorionic Villus Sample	Genomic Tests	Next Generation Sequencing