TATTVAGENE

Test Code	Category	Test	Method	Sample type required	TAT
TGK001	Cytogenetics	Karyotyping	GTG banding	Peripheral blood (PB)	12 - 15 days
TGK002		Karytyping + NOR Staining	Silver staining	Peripheral blood (PB)	12-15 days
TGK003		Karytyping + C-Banding	Giemsa staining	Peripheral blood (PB)	12-15 days
TGY001	Parental screening	Y Microdeletion - Azoospermia / Oligospermia	PCR/Sanger	Peripheral blood (PB)	12-15 days
TGB002		β-Thalassemia	PCR/Sanger	Peripheral blood (PB)	12-15 days
TGF003		Fragile X Screening	PCR/Sanger	Peripheral blood (PB)	12-15 days
TGF004		Fragile X CGG sizing	Sanger	Peripheral blood (PB)	12-15 days
TGT005		Targeted Testing	PCR/Sanger	Peripheral blood (PB)	12-15 days
TGS006		XY - sex reversal -SRY by PCR	PCR/Sanger	Peripheral blood (PB)	12-15 days
TGP007	Preimplantation screening	Pre-Implantation Genetic Testing for aneuploidies (PGT-A) (per embryo)	NGS	Day 5 Trophectoderm biopsy, 5-6 cells	15 days
TGP008		Pre-Implantation Genetic Testing for monogenic disorder (PGT-M) (per embryo)	NGS/Sanger	Day 5 Trophectoderm biopsy, 5-6 cells	15 days
TGP009		PGT-A + laser biopsy by our embryologist (per embryo)	NGS	Day 5 Trophectoderm biopsy, 5-6 cells	15 days
TGN010	Prenatal	Non-Invasive Prenatal Screening (NIPS)	NGS	Peripheral blood (PB)	15-20 days
TGFS011		FISH-13/18/21 - Amniotic fluid (10ml)	Fluorescent in situ hybridization	Amniotic fluid	2 days
TGFS012		FISH LSI 21 - Amniotic fluid (10ml)	Fluorescent in situ hybridization	Amniotic fluid	2 days
TGFS013		FISH LSI 13 - Amniotic fluid (10ml)	Fluorescent in situ hybridization	Amniotic fluid	2 days
TGFS014		LSI 13/21 - Amniotic fluid (10ml)	Fluorescent in situ hybridization	Amniotic fluid	2 days
TGFS015	Molecular Cytogenetics	Sex determining Region Y (SRY)gene by FISH	Fluorescent in situ hybridization	Peripheral blood (PB)	8 days
TGFS016		FISH - Prader-Willi/ Angelman Region Probe - Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS017		FISH - DiGeorge/ VCFS region probe - Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS018		FISH - DGS2 -10p14 - Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS019		FISH - TBX1 22q11.2 - Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS020		FISH - Tel Vysion 4p - Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS021		FISH - Tel Vysion 1p - Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS022		FISH - 1p36 - Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS023		FISH - Williams Syndrome - Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS024		FISH - Miller - Dieker Chromosome Region Probe (MDS)- Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS025		FISH - Smith - Magenis Chromosome Region Probe (SMS)- Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS026		FISH - Wolf-Hirschhorn syndrome (WHS) - Microdeletion	Fluorescent in situ hybridization	Peripheral blood (PB)	12 days
TGFS027		Spectral Karyotype (SKY)	Fluorescent in situ hybridization	Peripheral blood (PB)	15 - 20 days
TGFS028		FISH - X/Y for post bone marrow transplant analysis	Fluorescent in situ hybridization	Peripheral blood (PB)	4 days
TGFS029	Postnatal Screening	Gauchers Disease -6 common Mutations, exons 9 & 10	PCR/Sanger	Peripheral blood (PB)	15 days
TGFS030		Gauchers Disease -complete coding sequence	PCR/Sanger	Peripheral blood (PB)	15 days
TGFS031		Glycogen Storage Disease - 1a	PCR/Sanger	Peripheral blood (PB)	15 days
TGFS032		Glycogen Storage Disease - 1b	PCR/Sanger	Peripheral blood (PB)	15 days
TGFS033		Non Syndromic Hearing Loss - connexin 26	PCR/Sanger	Peripheral blood (PB)	15 days
TGFS034		Noonans Syndrome NGS targetted gene panel	NGS/Sanger	Peripheral blood (PB)	15 days
TGFS035		Achondroplasia -common mutation 1138 G>A/ 1138 G>C	PCR/Sanger	Peripheral blood (PB)	15 days
TGFS036		HLA typing (6 Loci)	NGS	Peripheral blood (PB)	20-25 days
TGFS037		Spinal muscular atrophy / SMA	PCR/Sanger	Peripheral blood (PB)	15 days