S.NO	CODE	TEST	COST	Turnaround time
		CYTOGENETICS TESTS		
1	FDCYTO1	Karyotype from Blood	1500	2-3 weeks
2	FDCYTO2	Chromosomal Breakage study for Fanconi's Anemia by Mitomycin assay	1500	2-3 weeks
3	FDCYTO3	Karyotype from Amniotic fluid/Chorionic villi	4000	2-3 weeks
4	FDCYTO4	Karyotype from skin fibroblasts	4000	2-3 weeks
5	FDCYTO5	Karyotype from Products of conception	4000	2-3 weeks
6	FDCYTO6	Karyotype from cord blood	1500	2-3 weeks
7	FDCYTO8	Rapid antenatal aneuploidy detection – for chromosomes 13, 18, 21	3000	5-7 days
8	FDCYTO13	MLPA Panel for multiple common microdeletion syndromes	3000	2-3 weeks
9	FDCYTO14	Fibroblast culture	3000	2-3 weeks
		MOLECULAR GENETICS TESTS		
1	FDHEM1	Mutation analysis for Beta Thalassemia	2500	2-3 weeks
2	FDHEM2	Mutation analysis for Sickle cell anemia	1500	2-3 weeks
3	FDHEM3	Prenatal diagnosis for Beta thalassemia (Known mutation) including maternal cell contamination	6900	7-10 days
4	FDHEM4	Prenatal diagnosis for Sickle cell anemia including maternal cell contamination	6900	7-10 days
5	FDMUS1	Mutation analysis for Duchenne muscular dystrophy/Becker muscular dystrophy by MLPA	2900	2-3 weeks
6	FDMUS3	Prenatal diagnosis for Duchenne muscular dystrophy (Known mutation) including maternal cell contamination	6900	7-10 days
7	FDMUS5	Mutation analysis for Spinal muscular atrophy MLPA	2900	2-3 weeks
8	FDMUS6	Prenatal diagnosis for Spinal muscular atrophy (Known mutation) including maternal cell contamination	6900	7-10 days
9	FDTRI1	Fragile X mutation analysis by PCR	2000	2-3 weeks
10	FDTRI2	Spinocerebellar ataxia (one type)	2000	2-3 weeks
11	FDTRI3	Spinocerebellar ataxia Type 1,2,3	4600	2-3 weeks
12	FDTRI4	Huntington disease mutation analysis	2000	2-3 weeks
13	FDTRI5	Friedreich’s ataxia mutation analysis	2000	2-3 weeks
14	FDTRI6	Myotonic dystrophy Type I mutation analysis	2300	2-3 weeks
15	FDTRI7	Dentatorubropallidoluysian atrophy (DRPLA) mutation analysis	2000	2-3 weeks
16	FDCYS1	Mutation analysis for Cystic fibrosis (4 common mutations)	2300	2-3 weeks
17	FDTHR1	Factor V Leiden mutation study	1500	2-3 weeks
18	FDTHR2	Factor II mutation study	1500	2-3 weeks
19	FDMUS7	Carrier detection for Duchenne muscular dystrophy by MLPA	2900	2-3 weeks
20	FDTRI8	Mutation analysis for Spinobulbar muscular atrophy	2000	2-3 weeks
21	FDMUS8	Carrier detection for Spinal muscular atrophy by MLPA	2900	2-3 weeks
22	FDSRY1	SRY gene deletion analysis	2000	2-3 weeks
23	FDDNA1	DNA extraction from blood/tissue	600	3 days
24	FDMCC1	Maternal cell contamination analysis in fetal tissue	2900	3-7 days
25	FDDEF1	Mutation analysis of Connexin 26 gene and testing of common deletions in Connexin 30 gene	2300	2-3 weeks

26	FDBLD1	Mutation analysis of intron 22 inversion mutation in F8 gene for Hemophilia A	3000	2-3 weeks
27	FDBLD2	Carrier analysis of intron 22 inversion mutation in F8 gene for Hemophilia A	3000	2-3 weeks
28	FDBLD3	Carrier detection for Hemophilia A by linkage analysis	3000	2-3 weeks
29	FDBLD4	Prenatal diagnosis for Hemophilia A (targeted analysis of intron 22 inversion mutation or linkage analysis) including maternal cell contamination	6900	7-10 days
30	FDSKD1	Mutation analysis of Achondroplasia (testing for common mutations 1138G>A & 1138 G>C)	2300	2-3 weeks
31	FDPAN1	Mutation analysis of common mutations for hereditary pancreatitis (SPINK1 – N34S)	1500	2-3 weeks
32	FDSEQ1	Sequence analysis of one exon	500	2-3 weeks
33	FDMIT1	LHON - 3 mutations (G3460A, G11778A, T14484C)	2900	2-3 weeks
34	FDMIT2	Leigh' disease - 3 mutations (T12706C, A13084T, G13513A)	2900	2-3 weeks
35	FDHAE1	Hereditary Haemochromatosis (H63D and C282Y mutations)	2300	2-3 weeks
36	FDMTH1	MTHFR gene polymorphisms 677T>C and 1298A>C mutations	2300	2-3 weeks
37	FDGIL1	Mutation analysis for common promotor mutation in Gilbert syndrome	2300	2-3 weeks
		BIOCHEMICAL GENETICS TESTS		
1	FDSCR1	Metabolic screening with TLC aminoacids	400	7-10 days
2	FDSCR2	Thin layer chromatography (TLC) for amino acids	400	7-10 days
3	FDSCR3	Thin layer chromatography for oligosaccharides	400	7-10 days
4	FDSCR4	Thin layer chromatography for carbohydrates	400	7-10 days
5	FDSCR5	Paper chromatography for Homogentisic acid/ Alkaptonuria	400	7-10 days
6	FDSCR6	Galactosemia Panel (Urine TLC for Galactose, Blood Galactose, Galactose 1 phosphate uridyl transferase)	1000	7-10 days
7	FDSCR7	Biotinidase assay	400	7-10 days
8	FDHP1	HPLC for amino acids	1500	7-10 days
9	FDHP2	HPLC for sulphur amino acids (Homocysteine and others)	500	7-10 days
10	FDMPS1	Qualitative and quantitative analysis of urine for MPS	400	7-10 days
11	FDMPS2	Cellulose acetate electrophoresis for Mucopolysaccharidosis	400	7-10 days
12	FDMPS3	Hurler syndrome - MPS I (Iduronidase)	1500	2-3 weeks
13	FDMPS4	Hunter syndrome - MPS II (Iduronate 2-sufatase)	1500	2-3 weeks
14	FDMPS6	Sanfillipo disease-MPS III B-alpha-hexosaminidase (alpha-N acetyl glucosaminidase)	1500	2-3 weeks
15	FDMPS8	Morquio Syndrome Type A- MPS IV A (galactose 6-sufatase)	1500	2-3 weeks
16	FDMPS9	Morquio Syndrome Type B- MPS IV B (Beta galactosidase)	1500	2-3 weeks
17	FDMPS10	Maroteaux-Lamy syndrome MPS VI (Aryl sulphatase B)	1500	2-3 weeks
18	FDMPS11	Sly disease MPS VII (Beta-glucuronidase)	1500	2-3 weeks
19		**LYSOSOMAL STORAGE DISORDERS**		
	FDLYS1	Fabry disease (Alpha-Galactosidase)	1500	2-3 weeks
20	FDLYS2	GM1 Gangliosidosis (Beta Galactosidase)	1500	2-3 weeks

21	FDLYS3	Pompe disease (Alpha-Glucosidase)	1500	2-3 weeks
22	FDLYS4	Gaucher disease (Beta-Glucosidase)	1500	2-3 weeks
23	FDLYS5	Tay Sachs disease (Hexosaminidase A)	1500	2-3 weeks
24	FDLYS6	Sandhoff disease (Hexosaminidase A and B)	1500	2-3 weeks
25	FDLYS7	Metachromatic Leukodystrophy (Aryl sulphatase A)	1500	2-3 weeks
26	FDLYS8	Alpha-Mannosidosis type I/II (Alpha Mannosidase)	1500	2-3 weeks
27	FDLYS9	Neuronal ceroid Lipofuscinosis Type 1	1500	2-3 weeks
28	FDLYS10	Krabbe disease (Galactocerebrosidase)	1500	2-3 weeks
29	FDLYS12	Niemann Pick disease A and B (Spingomyelinase)	1500	2-3 weeks
30	FDLYS13	Sialidosis (Neuraminidase)	1500	2-3 weeks
31	FDLYS14	Fucosidosis (Fucosidase)	1500	2-3 weeks
32	FDLYS15	Prenatal Diagnosis (Enzyme assay in CVS/ amniocytes)	5500	2-3 weeks