



# REPRODUCTIVE CLINICAL GENOMICS TEST MENU

# REPRODUCTIVE

Sl No	TEST NAME	METHOD / PLATFORM	SAMPLE TYPE	TAT
1	First Trimester Prenatal Screening – Double Marker	Perkin Elmer DELFIA	2 - 3 ml Blood in Gel Tube/ Clot Activator Tube; OR 1 ml Serum in Vial.	2 working days
2	Second Trimester Prenatal Screening – Triple Marker	PRISCA	2 - 3 ml Blood in Gel Tube/ Clot Activator Tube; OR 1 ml Serum in Vial.	4 Working Days
3	Second Trimester Prenatal Screening - Quadruple Marker	PRISCA	2 - 3 ml Blood in Gel Tube/ Clot Activator Tube; 1 ml Serum in Vial.	4 Working Days
4	Non-Invasive Prenatal Testing (NIPT Basic) 13,18,21, XY	NGS	10 ml of maternal blood in streck tube	12 working days

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5	Comprehensive, Non-Invasive Prenatal Testing (Comprehensive NIPT)	NGS	10 ml of maternal blood in streck tube	12 working days
6	Y Chromosome Microdeletion Analysis	Real Time PCR	EDTA Blood 3 ml	12 working days
7	Karyotyping- Whole Blood	Karyotyping	Sodium Heparin Blood 3 ml	3 Weeks
8	Karyotyping- Couple	Karyotyping	Sodium Heparin Blood 3 ml	3 Weeks
9	Karyotyping- Amnio/ CVS	Karyotyping	Amnio/CVS	3 Weeks

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10	Karyotyping- POC	Karyotyping	POC Material in normal saline	3 Weeks
11	Amniotic Fluid FISH (5 probes - 13,18,21, sex chromosomes)	FISH	Amniotic Fluid 20ml	5 working days
12	Pre/ Postnatal FISH 3 probes 13, 18, & 21	FISH	Sodium Heparin Blood 3 ml	5 working days
13	Pre/ Postnatal FISH 5 Probes- 13, 18, 21, X & Y	FISH	Sodium Heparin Blood 3 ml	5 working days
14	Rapid sure Microarray 315 k+ MCC	Micro Array; MCC by QFPCR	Amnio/POC & EDTA blood	3 Weeks

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15	Rapid sure Microarray 750 k+ MCC	Micro Array; MCC by QFPCR	Amnio/POC & EDTA blood	3 Weeks
16	Microarray 315k without MCC	Micro Array	EDTA Blood 3 ml	3 Weeks
17	Microarray 750k without MCC	Micro Array	EDTA Blood 3 ml	3 Weeks
18	Newborn Screening G6PD, Total Galactose, Thyroid stimulating hormone (TSH), 17-hydroxyprogesterone. (17-OHP), Immuno reactive trypsinogen (IRT), Phenylalanine, Biotinidase, Acylcarnitines, Amino acids, Hemoglobinopathy		Dry Blood Spot	4 working days
19	Aneuploidy Detection by QF PCR	QF PCR	Amniotic Fluid 20ml	16 working days
20	Maternal Cell Contamination	QF PCR	EDTA Blood 3 ml	9 working days