

S.NO	Test Name CARIOVASULAR	Gene list	Specimen Type	TAT	Methodology
1	Cardiac channelopathy gene panel	SCN4B,SCN10A,CACNB2,KCNE2,FGF12,LMNA,ABCC9,SLMAP,ANK2,KCND2,CASQ2,KCNJ2,GNAI2,NUP155,SCN3B,TRPM4,CACNA2D1,KCNE1L,KCNQ1,DSP,KCNA5,RYR2,SEMA3A,ALG10,CALM2,KCNH2,GJA5,NPPA,SCN2B,TRDN,CACNA1D,KCNE1,KCNJ8,DPP6,HCN4,RANGRF,SCN5A,AKAP9,CALM1,KCNE3,GATA4,MIA3,SCN1B,SNTA1,CACNA1C,KCND3,KCNJ5,CAV3,GPD1L,PKP2	Amniotic fluid (AF), Chorionic Villus Sample (CVS), Peripheral Blood in EDTA (Purple Top), DIRECT DNA	19 days	Next Generation Sequencing (NGS)
2	Clopidogrel dosage CYP2C19*2 & CYP2C19*3		DIRECT DNA, Peripheral Blood in EDTA (Purple Top)	5 days	Sanger Sequencing
3	CYP2C19 Clopidogrel resistance (All CPIC alleles)		DIRECT DNA, Peripheral Blood in EDTA (Purple Top)	12 days	Next Generation Sequencing (NGS)
4	Cardiomyopathy gene panel		Chorionic Villus Sample (CVS), Amniotic fluid (AF), DIRECT DNA, Peripheral Blood in EDTA (Purple Top)	19 days	Next Generation Sequencing (NGS)
5	Warfarin response genotyping		Peripheral Blood in EDTA (Purple Top), DIRECT DNA	12 days	Next Generation Sequencing (NGS)
6	Pulmonary arterial hypertension		Product of conception (POC), Cardiac Blood in EDTA (Purple Top), DNA (POC), DIRECT DNA, Amniotic fluid (AF), Fetal DNA, Peripheral Blood in EDTA (Purple Top), Placenta, Chorionic Villus Sample (CVS)	19 days	Next Generation Sequencing (NGS)
7	GDF1 and PKD1L1 gene sequencing		Peripheral Blood in EDTA (Purple Top), DIRECT DNA	19 days	Next Generation Sequencing (NGS)
8	Comprehensive Cardiovascular Genetic Risk Panel		Peripheral Blood in EDTA (Purple Top)	19 days	Combo test
9	CAD Polygenic Risk Test		Peripheral Blood in EDTA (Purple Top)	12 days	Whole Genome Genotyping Array
10	KARDIOGEN PLUS		Peripheral Blood in EDTA (Purple Top), SALIVA, Serum	14 days	Combo test
11	KardiogenPlus (Coronary Artery Disease - Integrated Risk score)- Analysis only		Raw Data	5 days	Additional Service
12	(Combo) Kardiogen + Curegen		Peripheral Blood in EDTA (Purple Top)	14 days	Combo test