

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description:	Seraseq® Antepartum T21 Male cfDNA		
Material Number:	0720-1100	Batch Number:	10695017
Material Description:	A purified ccfDNA-like mixture of human genomic DNA (matched maternal and fetal) derived from an antepartum (or prenatal) blood sample		
Date of Manufacture:	15 MAR 2024	Expiration Date:	20 FEB 2028
Diluent:	1 mM Tris 0.1 mM EDTA 10 mM KCL		
Fill Volume:	25 µL		
Storage:	-20°C		
Concentration (Invitrogen™ Qubit™ dsDNA BR Assay):	Nominal value: 10 ng/µL Average measured value for this batch: 13.5 ng/µL		
Method used for NIPT:	<p>**NIPTIFY Focus Plus test. This cell-free DNA test uses Focus Plus (Fragmented DNA Compact Sequencing Assay for enriched fetal material) technology. The Focus Plus technology analyzes fetal aneuploidies using whole-genome low-coverage Illumina sequencing.</p> <p>47%</p>		
Fetal Fraction:	<p>*The fetal fraction has been enriched by the NIPTIFY® Focus Plus assay workflow. The average enrichment factor is 3.6, but efficiency may vary. For a male fetus, the NIPTIFY®Focus Plus fetal fraction estimation is based on FFY (fetal fraction based on Y-chromosome) and for a female fetus, it is based on the PREFACE (PREdict Fetal Component) algorithm. This fetal fraction is provided for information only and may depend on assays and methodologies used.</p>		
Trisomy Call for Chromosome 21:	High risk for Trisomy 21		
Call for Fetal Gender:	XY		

Approval:

Sanchita Jamindar

26 MAR 2024

Prepared By

Date