

# Technical Product Report

*For Research Use Only; Not for use in Diagnostic Procedures*

Product Description:	Seraseq® Postpartum T21 Male cfDNA		
Material Number:	0720-1101	Batch Number:	10695018
Material Description:	A purified ccfDNA-like mixture of human genomic DNA (matched maternal and fetal) derived from a postpartum (or postnatal) 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:	**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.		
Fetal Fraction:	0.0%  *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 FetAI Component) algorithm. This fetal fraction is provided for information only and may depend on assays and methodologies used.		
Trisomy Call for Chromosome 21 by NGS:	Low risk for Trisomy 21		
Call for Fetal Gender:	N/A		

**Approval:**

*Sanchit Jamin*

26 MAR 2024

Prepared By

Date