

# Technical Product Report

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

Product Description: Seraseq® 22q11 Female - Matched Reference Material

Material Number: 0720-0174                      Batch Number: 10669160

Material Description: A ccfDNA-like mixture of human genomic DNA (matched maternal and fetal) in a commutable matrix (simulated plasma)

Date of Manufacture: 31 MAY 2023                      Expiration Date: 31 MAY 2027

Fill Volume: 1.0 mL

Storage: 2-8 °C

Concentration (Invitrogen™ Qubit™ dsDNA BR Assay): 32.5 ng/mL

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: 27.0 %\*

\*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 FetAI Component) algorithm. This fetal fraction is provided for information only and may depend on assays and methodologies used

Call for 22q11: Microdeletion detected

Call for Fetal Gender: XX

**Approval:**



07 JUN 2023

Prepared By

Date