

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description:

Seraseg® Antepartum 22g11 Male cfDNA

Material Number:

0720-1102

Batch Number:

10695019

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: 14.2 ng/µL

**NIPTIFY Focus Plus test. This cell-free DNA test uses Focus Plus (Fragmented DNA Compact Sequencing Assay for enriched fetal material) technology. The

Method used for NIPT:

Focus Plus technology analyzes fetal aneuploidies using whole-genome low-

coverage Illumina sequencing.

52%

*The fetal fraction has been enriched by the NIPTIFY® Focus Plus assay workflow.

Fetal Fraction:

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.

Call for 22q11:

High risk for 22q11

Call for Fetal Gender:

XY

Approval:

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26 MAR 2024

Prepared By

Date