

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description: Seraseq® Trisomy 21 Male – Matched Reference Material (Lyophilized)

Material Number: 0720-1137

Batch Number: 10768509

Material Description: A ccfDNA-like mixture of human genomic DNA (matched maternal and fetal) derived from an antepartum (or prenatal) pregnant patient's blood sample whose pregnancy has been identified with Trisomy 21 (Down Syndrome) formatted in a plasma-like matrix and then lyophilized.

Fill Volume *1 mL (Lyophilized)

Date of Manufacture: 24 JUN 2025

Expiration Date: 24 JUN 2027

Storage: 15 – 25°C

Method used for yield assessment: After reconstitution with 1 mL of molecular grade water, extraction was performed with QIAGEN QIAamp Circulating Nucleic Acid Kit and concentration was measured with Invitrogen™ Qubit™ dsDNA BR Assay.

Yield after reconstitution: 27.2 ng/mL

Method used for NIPT: Chroma Panel

Fetal Fraction: 15%

Trisomy Call for Chromosome 21 by NGS: High Risk

Call for Fetal Gender: Male

*Please note: Recommended rehydration with 1 mL molecular grade water.

Approval:

Alhuyon

14 JUL 2025

Prepared By

Date