

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description: Seraseq® ctDNA v4 Reference Material WT

Material Number: 0710-3989

Batch Number: 10775973

Material Description: A ctDNA-like mixture of human genomic DNA from the reference cell line, GM24385

Fill Volume: 5 mL

Date of Manufacture: 26 AUG 2025

Expiration Date: 26 AUG 2027

Storage: -20°C

Concentration (Qubit dsDNA BR Assay): Nominal value: 25 ng/mL
Average measured value after extraction using Qiagen QIAamp Circulating Nucleic Acid Kit: 34.9 ng/mL

Average fragment size (Agilent Bioanalyzer High Sensitivity DNA Analysis): 214 bp

Acceptance criteria for average size: 150 – 230 bp

NGS Method: Illumina TruSight™ Oncology 500 ctDNA sequenced on NovaSeqX Plus 10B/25B (150PE)

NGS release criteria: The extracted cfDNA is made into a library that is successfully sequenced

NGS Results: None of the synthetic variants were detected at or above 0.1%

Approval:

Sanchita Samidex
Prepared By

10 SEP 2025
Date