

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description: Seraseq® ctDNA Extraction Reference Material 50 ng/mL

Material Number: 0710-3295 Batch Number: 10689918

Material Description: A ctDNA-like mixture of human genomic DNA from the reference cell line, GM24385, and synthetic DNA constructs in plasma-like matrix

Fill Volume: 1 mL per vial, 4 vials per kit

Date of Manufacture: 08 JAN 2024 Expiration Date: 08 JAN 2026

Storage: - 20°C

Concentration (Qubit dsDNA BR Assay): Nominal value: 50 ng/mL
Average measured value after extraction using Qiagen QIAamp Circulating Nucleic Acid Kit: 57.83 ng/mL

Average fragment size (Agilent Bioanalyzer High Sensitivity DNA Analysis): 153 bp

Acceptance criteria for average size: 150 – 200 bp

dPCR Test Method: BioRad QX200™ Droplet Digital™ PCR System

Gene ID	Nucleotide Change	Protein Change	COSMIC ID	AF% dPCR
EGFR	c.2369C>T	p.T790M	COSM6240	1.08
EGFR	c.2573T>G	p.L858R	COSM6224	1.20
EGFR	c.2236_2250del	E746_A750delELREA	COSM6225	1.13
EGFR	c.2155G>A	p.G719S	COSM6252	1.12

Approval:

Sanchita Jamindar

16 JAN 2024

Prepared By

Date