

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description: Seraseq® ctDNA Extraction Reference Material 80 ng/mL

Material Number: 0710-3296 Batch Number: 10818821

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: 29 JUL 2026 Expiration Date: 29 JUL 2028

Storage: - 20°C

Concentration (Qubit dsDNA BR Assay): Nominal value: 80 ng/mL
Average measured value after extraction using Qiagen QIAamp Circulating Nucleic Acid Kit: 84 ng/mL

Average fragment size (Agilent Bioanalyzer DNA 1000 Kit): 153bp

Acceptance criteria for average size: 150 – 200 bp

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

Gene ID	Nucleotide Change	Protein Change	AF% dPCR
EGFR	c.2369C>T	p.T790M	0.95
EGFR	c.2573T>G	p.L858R	1.17
EGFR	c.2236_2250del	E746_A750delELREA	1.57
EGFR	c.2155G>A	p.G719S	1.41

Approval:

Prepared By

Date