

# Technical Product Report

*For Research Use Only; Not for use in Diagnostic Procedures*

<b>Product Description:</b>	SeraSeq® ctDNA MRD 0% Tumor Mix		
<b>Material Number:</b>	0710-3670	<b>Batch Number:</b>	10809397
<b>Material Description:</b>	SeraSeq ctDNA MRD Panel 0% Tumor is derived a normal cell line gDNA background associated with a tumor cell line used in other SeraSeq MRD products.		
<b>Fill Volume:</b>	20 µL per vial		
<b>Date of Manufacture:</b>	18-MAR-2026	<b>Expiration Date:</b>	18-MAR-2030
<b>Concentration:</b>	Nominal value: 10 ng/µL		
<b>(Qubit dsDNA BR Assay):</b>	Average measured value: 19.0 ng/µL		
<b>Average fragment size (Agilent Bioanalyzer High Sensitivity DNA Analysis):</b>	229 bp		
<b>Acceptance criteria for average fragment size:</b>	150-230 bp		
<b>NGS Assay Test Method:</b>	<p>Tumor and biosynthetic variants were analyzed on a custom ctDNA MRD target enrichment panel with Agilent SureSelect® XT HS2 chemistry, utilizing a 50 ng input.</p> <p>The sequencing was performed on the NextSeq® 2000 with a P2 flow cell. Variants with fewer than 3 observations were filtered.</p> <p>VCF available upon request.</p>		
<b>Average VAF* of biosynthetic variants (%):</b>	0.000%		
<b>Average VAF of tumor variants (%):</b>	0.000%		
<b>Average VAF range for tumor variants (%):</b>	<0.0004		

\*Biosynthetic variant VAF for information only.

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Product Description: Seraseq® ctDNA MRD Panel Mix

Measured VAF(%)\* of biosynthetic variants:

Gene	Nucleic acid change	Amino acid change	Seraseq ctDNA MRD 0% Tumor
AKT1	c.49G>A	p.E17K	0.000
ALK	c.3604G>A	p.G1202R	0.000
ALK	c.3522C>A	p.F1174L	0.000
BRAF	c.1799T>A	p.V600E	0.000
BRCA1	c.1961delA	p.K654fs*47	0.000
BRCA2	c.7934del	p.R2645fs*3	0.000
CD74-ROS1	n/a	Translocation	0.000
EGFR	c.2240_2257del	p.L747_P753>S	0.000
EGFR	c.2235_2249del	p.E746_A750delELREA	0.000
EGFR	c.2573T>G	p.L858R	0.000
EGFR	c.2369C>T	p.T790M	0.000
EGFR	c.2254_2277del	p.S752_I759delSPKANKEI	0.000
EML4-ALK	n/a	Translocation	0.000
ERBB2	c.2313_2324dup	p.Y772_A775dup	0.000
KIT	c.2447A>T	p.D816V	0.000
KRAS	c.34G>T	p.G12C	0.000
KRAS	c.35G>A	p.G12D	0.000
KRAS	c.183A>C	p.Q61H	0.000
NCOA4/RET	n/a	Translocation	0.000
NRAS	c.182A>G	p.Q61R	0.000
PIK3CA	c.3204_3205insA	p.*1069Mext*3	0.000
PIK3CA	c.3140A>G	p.H1047R	0.000

\*Biosynthetic variant VAF for information only.

NA = not applicable. Variants not a part of panel used for testing.

ND = not detected.

Approval:



25 MAR 2026

Prepared By

Date