

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description:	SeraSeq® ctDNA MRD 0.05% Tumor Mix		
Material Number:	0710-3672	Batch Number:	10788786
Material Description:	SeraSeq ctDNA MRD Panel 0.05% Tumor is derived from a mixture of tumor-normal cell line gDNA background combined with 22 additional DNA biosynthetic variants, fragmented and size selected, and blended at a 0.05% tumor fraction.		
Fill Volume:	20 µL per vial		
Date of Manufacture:	17 OCT 2025	Expiration Date:	17 OCT 2029
Concentration:	Nominal value: 10 ng/µL		
(Qubit dsDNA BR Assay):	Average measured value: 19.8 ng/µL		
Average fragment size (Agilent Bioanalyzer High Sensitivity DNA Analysis):	167 bp		
Acceptance criteria for average fragment size:	150-230 bp		
NGS Assay Test Method:	Tumor and biosynthetic variants were analyzed on a custom ctDNA MRD target enrichment panel with Agilent SureSelect® XT HS2 chemistry, using a 50 ng input. Sequencing was performed on the NextSeq® 2000 with a P2 flow cell. Variants with fewer than 3 observations were filtered.		
	VCF available upon request.		
Average VAF* of biosynthetic variants (%):	0.0164		
Average VAF of tumor variants (%):	0.0196		
Average VAF range for tumor variants (%):	0.005-0.050		

Approval:


Prepared By


Date

*Biosynthetic variant VAF for information only.