

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description:	Seraseq® FFPE Solid Tumor CNV Reference Material		
Material Number:	0710-2865	Batch Number:	10690773
Material Description:	Formalin-fixed Paraffin Embedded (FFPE) reference cells (GM24385) carrying biosynthetic DNA constructs to mimic copy number amplifications.		
Date of Manufacture:	08 FEB 2024	Expiration Date:	08 FEB 2026
Storage:	2 – 8 °C		
Fill Volume:	One 10 µm curl		
Test method for yield per curl:	DNA was extracted using the Autogen XTRACT 16+® Genomic DNA FFPE One-Step Kit and quantified using the Invitrogen™ Qubit™ dsDNA HS Assay.		
Average DNA yield per curl:	178.9 ng		
Test Method for DNA Quality Assessment:	Agilent TapeStation Genomic DNA ScreenTape Analysis		
Average DIN value:	8.2		
dPCR Test Method:	Bio-Rad PrimePCR Copy Number Assays run on the Bio-Rad QX-200 Droplet Digital™ PCR System.		
NGS Assay Test Method:	Illumina TruSight™ Oncology 500 Assay		

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Gene	Additional Copies (dPCR)	Additional Copies (NGS)
AKT2	16.1±13.5	3.91
BRAF	5.4±2.4	3.55
EGFR	1.7±1.5	5.84
ERBB2	4.0±1.4	3.98
FGFR3	9.2±4.5	5.41
KIT	6.2±1.9	0.75
KRAS	11.2±7.9	12.51
MET	5.1±1.9	3.40
MYC	3.1±0.9	3.22
MYCN	5.0±2.0	1.85
NTRK1	32.8±19.8	N/A
PIK3CA	3.4±0.8	1.75

Approval:



06/10/2024

Prepared By

Date