

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:	10659111
Material Description:	Formalin-fixed Paraffin Embedded (FFPE) reference cells (GM24385) carrying biosynthetic DNA constructs to mimic copy number amplifications.		
Date of Manufacture:	07 MAR 2023	Expiration Date:	07 MAR 2025
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:	295.7 ng		
Test Method for DNA Quality Assessment:	Agilent TapeStation Genomic DNA ScreenTape Analysis		
Average DIN value:	7.1		
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	33.2 ± 27.6	3.91
BRAF	13.1 ± 9.7	3.55
EGFR	6.9 ± 1.8	5.84
ERBB2	4.9 ± 1.9	3.98
FGFR3	12.8 ± 7.9	5.41
KIT	5.7 ± 2.8	0.75
KRAS	4.8 ± 2.6	12.51
MET	6.5 ± 1.7	3.40
MYC	5.8 ± 1.4	3.22
MYCN	8.6 ± 4.2	1.85
NTRK1	31.5 ± 20.9	N/A
PIK3CA	4.5 ± 1.2	1.75

Approval:



20 MAR 2023

Prepared By

Date