

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description:	SeraSeq® Compromised FFPE WT (DNA/RNA) Reference Material		
Material Number:	0710-1710	Batch Number:	10510388
Material Description:	Formalin-fixed paraffin-embedded reference cells (GM24385) manufactured to more closely mimic the quality of patient tissue		
Date of Manufacture:	20 JUL 2020	Expiration Date:	20 JUL 2022
Fill Volume:	One 10 µm curl		
Test Method for DNA Yield per Curl:	DNA was extracted using the Qiagen QIAamp DNA FFPE Tissue Kit and quantified using the Qubit dsDNA HS Assay.		
Average DNA yield per curl:	205 ng (Range 198 ng - 217 ng)		
Test Method for RNA Yield per Curl:	RNA was extracted using the Agencourt FormapureKit and quantified using the Qubit RNA HS Assay.		
Average RNA yield per curl:	1165 ng (Range 1132 ng - 1214ng)		
Test Method for DNA Quality Assessment:	Agilent TapeStation Genomic DNA ScreenTape Analysis		
Average DIN value:	3.95		
Test Method for RNA Quality Assessment:	Agilent Bioanalyzer RNA 6000 Nano Kit Analysis		
Average RIN value:	1.00		
Test Method for Variant Detection:	Archer VariantPlex Solid Tumor and FusionPlex Solid Tumor Kits		
Variant Detection Results:	DNA variants detected:		
	APC p.Val1822Asp COSM3760871 - 38.8% allele frequency		
	CDKN2A p.Asp74Ala COSM4163711 - 1.45% allele frequency		
	KDR p.Gln472His COSM149673 - 50.5% allele frequency		
	KIT p.Met541Leu COSM28026 - 49.7% allele frequency		
	MAP2K1 c.292-3C>T (splice variant) - 47.3 % allele frequency		
	No fusions were detected.		
	Complete results and testing conditions used available upon request.		
Storage:	4 - 8°C		

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Approval:

A handwritten signature in black ink, appearing to be "ERL".

19 MAR 2021

Prepared By

Date