

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:	10658977
Material Description:	Formalin-fixed paraffin-embedded reference cells (GM24385) manufactured to more closely mimic the quality of patient tissue		
Date of Manufacture:	06 MAR 2023	Expiration Date:	06 MAR 2025
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:	354 ng (Range 262 ng - 412 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:	947 ng (Range 884 ng - 1048ng)		
Test Method for DNA Quality Assessment:	Agilent TapeStation Genomic DNA ScreenTape Analysis		
Average DIN value:	3.0		
Test Method for RNA Quality Assessment:	Agilent Bioanalyzer RNA 6000 Nano Kit Analysis		
Average RIN value:	1.1		
Test Method for Variant Detection:	Archer VariantPlex Solid Tumor and FusionPlex Solid Tumor Kits		
Variant Detection Results:	DNA variants detected:		
	MAP2K1 c.292-3C>T (splice variant) – 47.9 % allele frequency		
	No fusions were detected.		
	Complete results and testing conditions used available upon request.		
Storage:	2 - 8°C		

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Approval:

A handwritten signature in black ink, appearing to be "J. K. Smith".

13 MAR 2023

Prepared By

Date