

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:	10696442
Material Description:	Formalin-fixed paraffin-embedded reference cells (GM24385) manufactured to more closely mimic the quality of patient tissue		
Date of Manufacture:	25 MAR 2024	Expiration Date:	25 MAR 2026
Fill Volume:	One 10 µm curl		
Storage:	2 - 8° C		
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:	481 ng (Range 407 ng - 625 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:	1233 ng (Range 858 ng - 1360ng)		
Test Method for DNA Quality Assessment:	Agilent TapeStation Genomic DNA ScreenTape Analysis		
Average DIN value:	3.3		
Test Method for RNA Quality Assessment:	Agilent Bioanalyzer RNA 6000 Nano Kit Analysis		
Average RIN value:	1.9		
Test Method for Variant Detection:	Ampliseq for Illumina Cancer Hotspot Panel v2		
Variant Detection Results:	No fusions were detected.		
	Complete results and testing conditions used available upon request.		
	KDR c.2662A>T p.Ile888Phe – 4.01%		
	RB1 c.2244G>C p.Glu748Asp – 6.18%		
	KIT c.1621A>C p.Met541Leu – 49.67%		
	KDR c.1416A>T p.Gln472His – 51.32%		
	ERBB4 c.884-7del (splice variant) – 23.76%		

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Approval:

A handwritten signature in black ink, appearing to be "M H I".

07 MAY 2024

Prepared By

Date