

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: 10806800

Material Description: Formalin-fixed paraffin-embedded reference cells (GM24385) manufactured to more closely mimic the quality of patient tissue

Date of Manufacture: 11 FEB 2026 Expiration Date: 11 FEB 2028

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: 266 ng (Range 232 ng - 327 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: 2405 ng (Range 2200 ng - 2614ng)

Test Method for DNA Quality Assessment: Agilent TapeStation Genomic DNA ScreenTape Analysis

Average DIN value: 5.5

Test Method for RNA Quality Assessment: Agilent Bioanalyzer RNA 6000 Nano Kit Analysis

Average RIN value: 2.5

Test Method for Variant Detection: Archer VariantPlex Solid Tumor and FusionPlex Tumor Kits

Variant Detection Results: DNA variants detected
MAP2K1 c.292-3C>T (splice variant) ~ 54.0% Allelic Frequency
Complete results and testing conditions used available upon request.

Approval:



Prepared By

04 MAR 2026
Date