

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: 10671718

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

Date of Manufacture: 19 JUN 2023 Expiration Date: 19 JUN 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: 336 ng (Range 254 ng - 418 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: 790 ng (Range 684 ng - 868ng)

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

DNA Variants detected:

MAP2K1 c.292-3C>T (splice variant) – 47.9% allele frequency

Variant Detection Results:

No fusions were detected.

Complete results and testing conditions used available upon request.

Storage: 2 - 8°C

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Approval:



31 JUL 2023

Prepared By

Date