

Technical Product Report - REVISED

For Research Use Only; Not for use in Diagnostic Procedures

Product Description: Seraseq® FFPE MSI-High Reference Material

Material Number: 0710-2236 Batch Number: 10583060

Material Description: Formalin-fixed paraffin-embedded tumor-only human diseased cell line that has been characterized as MSI-High.

Date of Manufacture: 16 OCT 2021 Expiration Date: 16 OCT 2025

Storage: 2 – 8 °C

Fill Size: One 10 µm curl

Test Method for 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: 272 ng (Range 237 ng - 306 ng)

Test Method for Yield per Curl: DNA was extracted using the Promega Maxwell RSC DNA FFPE Kit and quantified using the Qubit dsDNA HS Assay

Average DNA Yield per Curl: 593 ng (Range 528 ng - 678 ng)

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

Average DIN Value: 6.35 for QIAamp extracted DNA

Test Method for MSI Determination: Illumina TruSight Oncology 500 (TSO500) Assay

| Average MSI Sites Detected | Average Unstable MSI Sites | Average MSI Score ¹ | Qualitative Result ¹ |
|----------------------------|----------------------------|--------------------------------|---------------------------------|
| 119 | 90 | 75.6 | MSI-High |

¹The MSI score is the ratio of the unstable MSI sites to the total number of sites detected (expressed as a percentage). The value must be >20% for an MSI-High result.

Approval:

Jennie Chordler

8-22-24

Prepared By

Date