

Technical Product Report

For Research Use Only; Not for use in Diagnostic Procedures

Product Description: Seraseq® FFPE MSI-High Reference Material

Material Number: 0710-2236 Batch Number: 10738249

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

Date of Manufacture: 22-JAN-2025 Expiration Date: 22-JAN-2029

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: 492 ng (Range 436 ng - 520 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: 298 ng (Range 279 ng - 308 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:



21-FEB-2025

Prepared By

Date