

# Technical Product Report

*For Research Use Only; Not for use in Diagnostic Procedures*

**Product Description:** Seraseq® FFPE HRD Low-Positive Reference Material

**Material Number:** 0710-2645      **Batch Number:** 10683435

**Material Description:** Mixture of human breast cancer cells and matched normal B lymphoblast cells (mixed at 65% tumor) fixed with 10% formalin and embedded in paraffin.

**Date of Manufacture:** 4 DEC 2023      **Expiration Date:** 04 DEC 2025

**Storage:** 2 - 8°C

**Fill Volume:** 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:** 235.2 ng

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

**Average DIN value:** 5.6 for QIAamp extracted DNA

**HRD Status Test Method:** Illumina TruSight™ Oncology 500 HRD RUO Assay which calculates a GIS using an algorithm licensed from Myriad Genetics

**Measured GIScore:** 54±2

**Approval:**

A handwritten signature in blue ink, appearing to be 'DP'.

08 AUG 2024

Prepared By

Date