

# Technical Product Report

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

**Product Description:** Seraseq® gDNA HRD Low-Positive Mix

**Material Number:** 0710-2880      **Batch Number:** 10671373

**Material Description:** Reference standard made from a human breast cancer cell line and its matched "normal" cell line generated from peripheral blood of the same patient. Genomic DNA was extracted, purified, and characterized for HRD status. No biosynthetic variants were added.

**Date of Manufacture:** 07 JUL 2023      **Expiration Date:** 07 JUL 2027

**Fill Volume:** 20 µL

**Concentration Test Method:** Qubit dsDNA BR Assay

**Nominal Concentration:** 25 ng/ µL

**Measured Concentration:** Seraseq gDNA HRD Low-Positive Tumor Mix: 33.3 ng/ µL  
Seraseq gDNA HRD Low-Positive Normal Mix: 29.5 ng/ µL

**HRD Status Test Method:** 200 ng of gDNA (a blend of 180 ng of tumor and 20 ng of matched normal) was analyzed with the Illumina TruSight™ Oncology 500 HRD RUO Assay (version ruo-ica-2.1.1.5), which calculates a GIS using an algorithm licensed from Myriad Genetics, and sequenced using a NovaSeq6000.

**Measured GIScore:** 58

**Approval:**



13 JUL 2023

Prepared By

Date