




SeraCare Cancer Solutions Overview

CANCER SEQUENCING TOOLS FOR NGS-BASED TUMOR PROFILING ASSAYS

SeraCare has the widest selection of variants and variant types, flexible patient-like sample formats, easy-to-use purified nucleic acid formats, and precise control over individual mutation frequencies to properly develop, validate, and monitor tumor-profiling assays.

COMPREHENSIVE SOLUTIONS FOR EVERY PHASE

 Assay Development Abundant, consistent and stable materials with valuable mutations and variant types	 Assay Validation Readily available, patient-like materials to evaluate your entire workflow	 Lab QC Operations Reliable materials that are easy to use , and effective data-management tools
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SERASEQ™ SEQUENCING REFERENCE MATERIALS

Are you looking for rare, actionable variants to challenge your assay?

We work with renowned clinical laboratory experts to develop materials with clinically relevant variants in a variety of variant types. Multiplexing these variants in a single sample economically examines many variants simultaneously, while digital PCR ensures accurate quantitation.

	Single nucleotide variants (SNVs)	Structural variants (SVs)	Insertion-deletion mutations (INDELs)	Fusion RNAs
Solid tumor	✓	✓	✓	✓
Liquid biopsy	✓	✓	✓	

Do you want to test your assay's limit of detection (LOD) with a range of allele frequencies?

These variants can be flexibly formulated at virtually any allele frequency desired, whether above, below, or at your assay's LOD.

Solid Tumor Reference Materials

We offer products with variants at or near your assay's LOD, from 10% down to 4%.

The Most Patient-Like ctDNA Reference Materials

Choose from materials with variants in a full range of your assay's LOD, from 2% down to 0.13%.

Do you need reference materials in a variety of full-process, patient-like formats, as well as purified DNA?

We offer sequencing sample materials for all phases of assay development and implementation.

Solid Tumor Reference Materials

Utilizing FFPE cell lines enables us to build full-process materials to monitor the entire workflow, while purified DNA mutation mixes are well-suited to daily routine use.

The Most Patient-Like ctDNA Reference Materials

Our proprietary stabilization method and plasma-like SeraCon™ Matribase allow full-process Seraseq ctDNA products to monitor the entire workflow while purified DNA mutation mixes are available to expedite assay development and optimization.