

Molecular Diagnostics Reference Standards

Contribute to the accuracy and confidence to the whole workflow of your assays

Our reference standards are available in a variety of formats and are compatible with several assay platforms. The table below shows some of the matches between products and applied platforms to help guide your selection. Please visit our products webpage for more information or contact us for any suggestions.

	gDNA	Whole Genome	ctDNA	FFPE DNA/RNA	cfDNA in plasma
Solid tumour CDx	√	√	√	√	√
Liquid biopsy			√		√
NIPT	√				√
Sanger Sequencing	√ Reference standards for inherited diseases & Oncology	√		√	
PCR-based assays	√	√	√	√	
NGS-based assays	√	√	√	√	√ NIPT/NIPT Plus
Multiplex NGS panel	√ PancancerLight Onco Structural/SNVs Multiplex Myeloid		√ Onco Structural/SNVs Multiplex MRD	√ Onco Structural/SNVs Multiplex Onco Fusion	√
WES	√	√	√	√	√
WGS	√	√		√	√
Performance Validation of Sequencers	√	√ whole genome of virus/bacteria/fungi and human			
Whole Workflow Quality Controls ¹	√	√	√	√	√
Bioinformatic Controls ²	√	√	√	√	√
Assay Reference ³	√	√	√	√	√

Process Controls

- 1. Whole Workflow Quality Controls:** Our reference standards are well-designed to mimic clinical samples and can be applied as external quality control for the entire workflow, from sample treatment to result analysis.
- 2. Bioinformatic Controls:** For NGS data analysis, our reference standards can help to fine-tune your data reporting accuracy.
- 3. Assay Reference:** Our reference standards can contribute to the development of assay process and help to optimize your assay condition with identified variants.

Contact us:

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