

Redefining Standards

A collection of our most popular cell line-derived Multiplex Reference Standards, suitable for Next-Generation Sequencing and PCR-based assays

cfDNA Reference Standards to support liquid biopsy assays

Multiplex I cfDNA Reference Standard Set

- 8 variants across 4 genes: *EGFR*, *KRAS*, *NRAS*, *PI3KCA*
- Available in synthetic plasma or buffer
- Variant Allele Frequency (%): 0.1; 1.0; 5.0; wild type

Structural Multiplex cfDNA Reference Standard

- 8 variants, including INDELS, fusions and CNVs
- 8 genes: *GNA11*, *AKT1*, *PI3KCA*, *EGFR*, *ROS1*, *RET*, *MET*, *MYC-N*
- Variant Allele Frequency (%): 5

EGFR Multiplex cfDNA Reference Standard

- 10 variants
- EGFR gene
- Variant Allele Frequency (%): 0.1; 1.0; 5.0; wild type

RNA fusion Reference Standards for RNA sequencing

5 Fusion RNA Multiplex Positive Control

- Fusions: *EML4-ALK*, *CCDC6-RET*, *SLC34A2-ROS1*, *TPM3-NTRK1*, *ETV6-NTRK3*
- Available in FFPE RNA format

5 Fusion RNA Multiplex Negative Control

- Wildtype control for use with the Positive Control Reference Standard
- Available in FFPE RNA format

Reference Standards for solid tumor and haematological cancer testing

OncoSpan Reference Standard

- 386 variants across 152 genes
- Available in gDNA format
- Variant Allele Frequency (%): 1 - 100

Myeloid DNA Reference Standard

- 22 variants across 19 genes
- Available in gDNA format
- Variant Allele Frequency (%): 5 - 70

Quantitative Multiplex Reference Standards

- 11 variants across 6 genes: *BRAF*, *EGFR*, *KIT*, *KRAS*, *NRAS*, *PI3KCA*
- Available in gDNA, FFPE DNA and formalin-compromised DNA formats
- Variant Allele Frequency (%): 1 - 24.5

Structural Multiplex Reference Standards

- 8 variants across 8 genes including INDELS, fusions and CNVs
- Available in gDNA and FFPE DNA formats
- Variant Allele Frequency (%): 3.5 - 9.7

Tru-Q Reference Standards

- Up to 44 variants
- Available in gDNA format
- Variant Allele Frequency (%): 1.3; 5

BRCA Multiplex Reference Standards

- Up to 16 variants in *BRCA1*, *BRCA2*, *BRIP1*, *BARD1* and *NBN*
- Available in gDNA and FFPE DNA formats
- Variant Allele Frequency (%): 7.5 - 100

EGFR Gene-Specific Multiplex Reference Standards

- Up to 5 variants in *EGFR*
- Available in gDNA and FFPE DNA formats
- Variant Allele Frequency (%): 1; 5; 12.5

KRAS gene-specific Multiplex Reference Standard

- 6 variants in 2 genes: *KRAS*, *NRAS*
- Available in FFPE DNA format
- Variant Allele Frequency (%): 5

If you have any questions, contact

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