Simplifying Controls for Oncology with AcroMetrix

Thermo Scientific™ AcroMetrix™ Solid Tumor Products

As oncology testing expands in the clinical setting, laboratories are challenged with finding highly characterized, standardized, and reproducible quality control materials to support validation or verification of new assays.

Prior to reporting patient results, validation or verification is required to establish or verify the performance characteristics of a new assay. Furthermore, for each test system, the laboratory is responsible for having control procedures that monitor the accuracy and precision of the complete analytical process.

The Thermo Scientific™ AcroMetrix™ Solid Tumor product line now includes two new products developed as RUO (Research Use Only):

AcroMetrix Core Hotspot-CNV DNA Control

A Next-Generation Sequencing (NGS) control featuring 5 hotspots and 1 copy number variant (CNV) representative across various cancers. For use to verify the proper operation of various oncology NGS assays.

AcroMetrix Core Fusion RNA Control

A NGS control featuring 2 fusion transcripts representative across various cancers. For use to verify the proper operation of various oncology NGS assays.



Thermo Fisher Scientific, through the AcroMetrix control products, is continuously working to support the vision of making personalized medicine an everyday reality by providing innovative standards for validation and verification processes that offer an effective solution to some of the challenges presented by new assays.

The AcroMetrix portfolio provides molecular quality control products that aid laboratories in meeting quality and regulatory requirements, as well as support the goal of standardization in molecular testing by establishing traceability of results to ensure consistent, accurate, and meaningful test results.





Ordering Information

Product	Regulatory Classification	SKU	Variants	Level
AcroMetrix Core Hotspot-CNV DNA Control	RUO	10024431	5 Hotspots: PIK3CA p.E542K BRAF p.V600E EGFR p.L858R EGFR p.E746_A750delELREA KRAS p.G12D + MET Copy Number Variant	12% Variant Allele Frequency 10 MET Copies
AcroMetrix Core Fusion RNA Control	RUO	10024432	SLC34A2-ROS1 & EML4-ALK Fusion Transcripts	Positive

Clinical Diagnostics

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