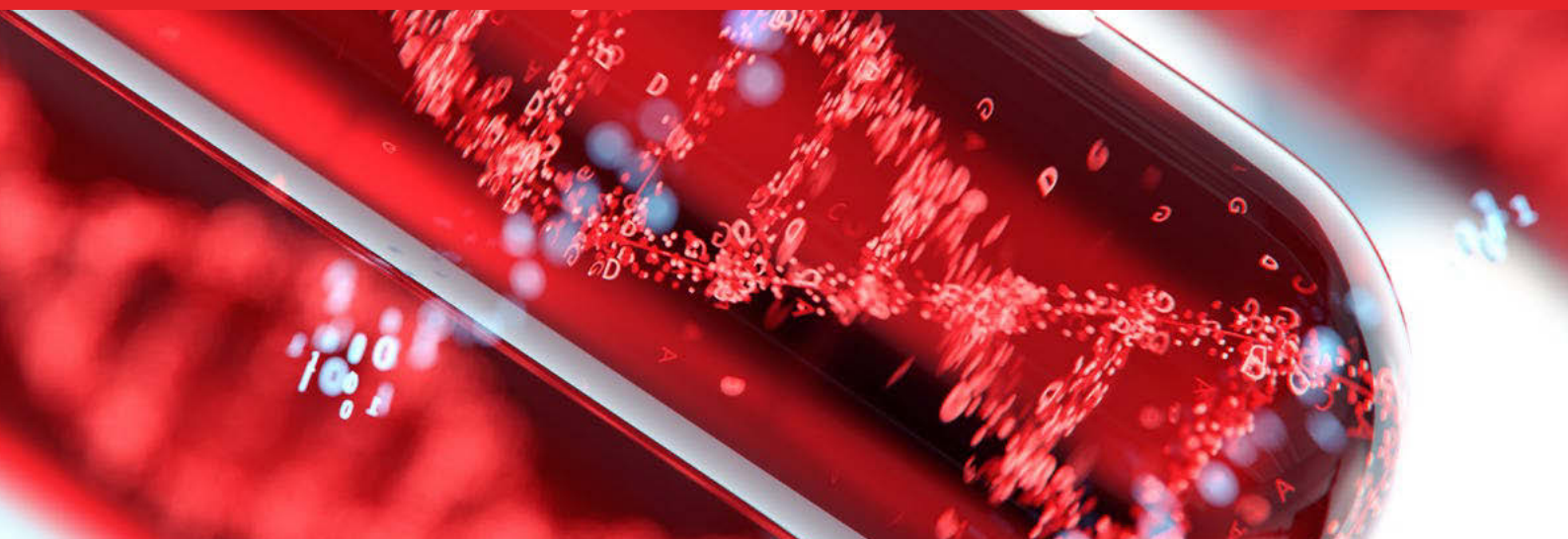




Liquid biopsy research just got even stronger

World's first full-process ctDNA control with human plasma matrix

Research on next-generation sequencing (NGS) of circulating tumor DNA (ctDNA) may revolutionize early cancer detection and treatment decision-making. Reliable quality control is of course indispensable for any workflow utilizing this new technology.

The **Thermo Scientific™ AcroMetrix™ Multi-Analyte ctDNA Plasma Control (RUO)** allows for high-quality monitoring of research liquid biopsy assay performance. Whether you are validating assays or controlling day-to-day variability, the platform-agnostic reference material will help you standardize your ctDNA research endeavors.



Normal human plasma matrix

Exceptional DNA recovery for **confident verification** of extraction procedures



5 variant allele frequencies

Accurate identification of **13 variants** (including SNV, INDEL, and CNV variant types)



Broad range of cancer types

Breast, colon, lung, ovaries, pancreas, skin, thyroid, and more



Verified for research use

Validated on **droplet digital PCR** and **amplicon-based NGS** platforms

NEW

Unique third-party control for monitoring liquid biopsy assays

WORLD'S **1st**

Thermo Scientific AcroMetrix Multi-Analyte ctDNA Plasma Control

Catalog number	Product name	Mutation (VAF)	CNV Level (copies/genome)	Quantity	Storage condition
957563	ctDNA Control A	1%	7	1 x 2 mL with 60 ng/mL DNA content	-20°C
957564	ctDNA Control B	0.5%	4.5		
957565	ctDNA Control C	0.25%	3		
957566	ctDNA Control D	0.1%	2.5		
957567	ctDNA Control E	0%	2		

13 variants covered

Gene	Variant	COSMIC ID
AKT1	E17K	COSM33765
ALK	G1202R	COSM144250
BRAF	V600E	COSM476
BRCA1	K654fs*47	COSM1383519
BRCA2	R2654Nfs*3	COSM1738242
EGFR	L858R	COSM6224
EGFR	T790M	COSM6240
EGFR	E746_A750 del	COSM6223
ERBB2	Y772_A775dup	COSM20959
KRAS	G12D	COSM521
PIK3CA	H1047R	COSM775
MET	Amplification	NA
ERBB2	Amplification	NA



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Find out more at **thermofisher.com/957563**

Availability of product in each country depends on local regulatory marketing authorization status.

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