

OUR PRODUCT



DNA-DEPLETED EDTA PLASMA

Human plasma is a complex matrix. Finding a variant DNA in plasma is like finding a needle in a haystack. It is therefore critical to validate the sensitivity and specificity of your detection system. With our DNA-depleted human plasma or serum as a matrix, you can build your own reference materials specific to your time-sensitive needs while still retaining the natural components of the sample.

Product Name	Cat. No.	Size
DD Plasma (DNA-Depleted Plasma)	60601001	50, 200, 500, 1000 ml

DNA-depleted Plasma is the Best Human Plasma Base Matrix for an Extraction Process Control

DNA-depleted plasma matrix is an ideal representation of a real patient sample since all the natural, interfering molecules are **retained**. It makes the spiked ctDNAs more "patient-like" in process validation and quality control.

Equal amounts of ctDNA fragments were serially spiked into four matrices: TE Buffer (blue), Synthetic Plasma (brown), Patient Plasma (green) and DNA-depleted plasma (red). The spiked ctDNAs were extracted from the four matrices side by side. The extracted ctDNA was quantitated by qPCR and was plotted against the spiked in Graph 1.0 (right).

Exclusively distributed by

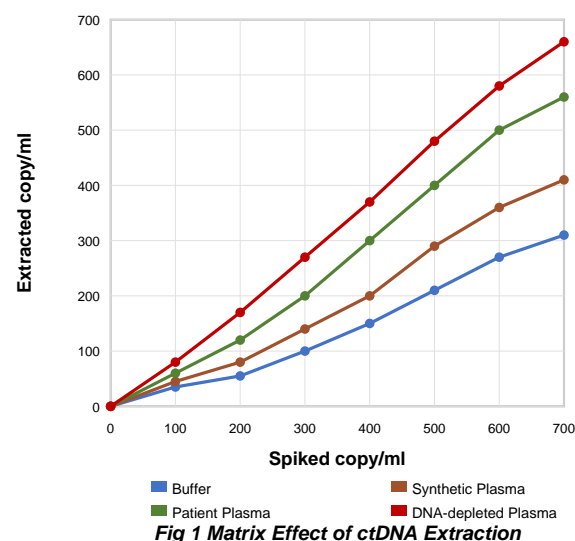
SUREFIRE
BIOSCIENCES

surefirebio.com | 888.765.2097

SPECIFICATIONS

DNA: < 10 pg/ml
 Total protein: 5-7 g/dL
 Immunoglobulins G: 500-1700 mg/dL
 Immunoglobulin A: 90-400 mg/dL
 Immunoglobulin M: 20-172 mg/dL
 Cholesterol, Total: 50-199 mg/dL
 Triglycerides: 50-149 mg/dL
 HDL Cholesterol: > 20 mg/dL
 VLDL Cholesterol: 10-40 mg/dL
 LDL Cholesterol: 20-99 mg/dL
 Exosome count: > 3E9 count/ml
 pH: 7.2-7.6

Negative for HIV, HBV, HCV,
HTLV and Syphilis.



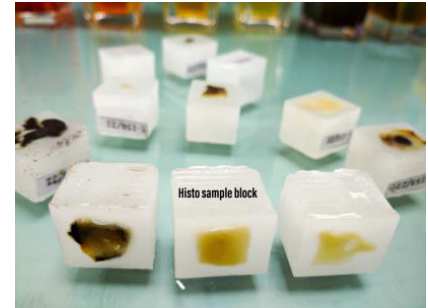
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New Product ★ ★ ★ ★

RNA Fusion Controls

We build custom RNA fusion controls for molecular testing in FFPE or plasma



16 Popular Fusions by Oncogene

	Panel 1	Panel 2	Panel 3	Panel 4
ALK	ELM4-ALK v1	ELM4-ALK v2	ELM4-ALK v3	NPM1-ALK
NTRK	ETV6-NTRK3	TPM3-NTRK1	QKI-NTRK2	LMNA-NTRK1
RET	KIF5B-RET	CCDC6-RET	NCOA4-RET	PRKAR1A-RET
ROS	CD74-ROS1	SLC34A2-ROS1	EZR-ROS1	PPFIBP1-ROS1

33 Fusions by Cancer Type

Lung	Lung1	Lung2	Lung3	Lung4
	ELM4-ALK v1 CD74-ROS1 KIF5B-RET	ELM4-ALK v2 FGFR3-TACC3 SLC34A2-ROS1 CCDC6-RET	ELM4-ALK v3 EZR-ROS1 MET Ext14 skipping	SDC4-ROS1
Sarcoma	Sarcoma1	Sarcoma2	Sarcoma3	
	ETV6-NTRK3 EWSR1-FLI1 SS18-SSX1 COL1A1-PDGFB	SS18-SSX2	EWSR1-ATF1	
Thyroid	Thyroid1	Thyroid2	Thyroid3	Thyroid4
	ELM4-ALK v2 TPM3-NTRK1 CCDC6-RET PAX8-PPARG1	ELM4-ALK v1	NCOA4-RET	PRKAR1A-RET
Prostate	Prostate1	Prostate2		
	TMPRSS2-ETV1 SLC45A3-ERG	TMPRSS2-ERG		
Skin	Skin1	Skin2	Skin3	
	LMNA-NTRK1 PPFIBP1-ROS1 EWSR1-ATF1	KIF5B-RET	GOLGA5-RET	
Liver	Liver1	Liver2	Liver3	
	FGFR2-BICC1	FGFR2-PPHLN1	FGFR2-AHCYL1	
Kidney	Kidney1	Kidney2		
	ETV6-NTRK3	PRCC-TFE3		
Heme	Heme1	Heme2		
	BCR-ABL1 PML-RARA NPM1-ALK	ETV6-NTRK3		

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