



Human Heat shock protein 75 kDa, mitochondrial (TRAP1/HSP75) ELISA kit

Product Code	CSB-E17179h
Abbreviation	TRAP1
Target Name	TNF receptor-associated protein 1
Uniprot No.	Q12931
Alias	HSP75, HSP90L, heat shock protein 75 tumor necrosis factor type 1 receptor associated protein
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.625 ng/mL-40 ng/mL
Sensitivity	0.156 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Signal Transduction
Gene Names	TRAP1
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human TRAP1 ELISA Kit was designed for the quantitative measurement of Human TRAP1 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.625 ng/mL-40 ng/mL and the sensitivity is 0.156 ng/mL.
Product Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.
Linearity	



To assess the linearity of the assay, samples were spiked with high concentrations of human TRAP1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

	Sample	Serum(n=4)
1:1	Average %	91
	Range %	85-96
1:2	Average %	96
	Range %	92-103
1:4	Average %	102
	Range %	95-108
1:8	Average %	88
	Range %	86-91

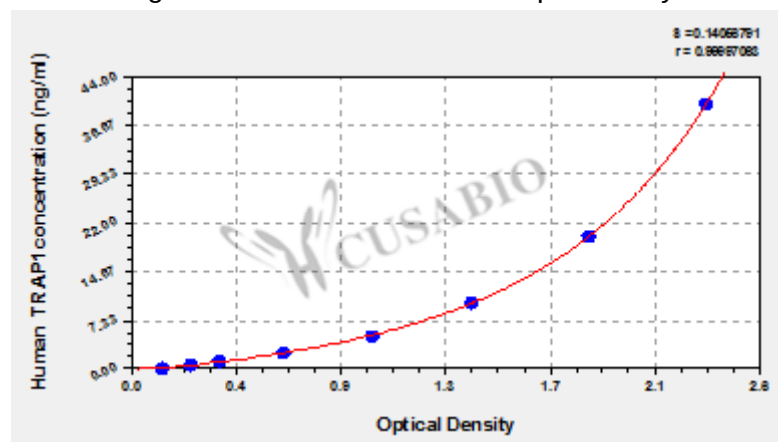
Recovery

The recovery of human TRAP1 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	91	86-95
EDTA plasma (n=4)	99	95-103

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average	Corrected
40	2.254	2.425	2.340	2.203
20	1.834	1.896	1.865	1.728
10	1.362	1.422	1.392	1.255
5	0.965	1.012	0.989	0.852
2.5	0.633	0.629	0.631	0.494
1.25	0.382	0.354	0.368	0.231
0.625	0.266	0.245	0.256	0.119
0	0.133	0.140	0.137	

Msds

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