Human Tumor necrosis factor alpha-induced protein 3(TNFAIP3) ELISA kit

Product Code	CSB-EL023958HU
Abbreviation	TNFAIP3
Protein Biological Process 1	Apoptosis/Autophagy
Target Name	tumor necrosis factor, alpha-induced protein 3
Uniprot No.	P21580
Alias	A20, MGC104522, MGC138687, MGC138688, OTUD7C, TNFA1P2, tumor necrosis factor inducible protein A20
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Apoptosis
Sample Types	serum, plasma, tissue homogenates
Detection Range	23.5 pg/mL-1500 pg/mL
Sensitivity	5.8 pg/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	Immunology
Gene Names	TNFAIP3
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human TNFAIP3 ELISA Kit was designed for the quantitative measurement of Human TNFAIP3 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 23.5 pg/mL-1500 pg/mL and the sensitivity is 5.8 pg/mL .
Target Details	This gene was identified as a gene whose expression is rapidly induced by the tumor necrosis factor (TNF). This protein is a zinc finger protein, and has been shown to inhibit NF-kappa B activation as well as TNF-mediated apoptosis. Knockout studies of a similar gene in mice suggested that this gene is critical for

limiting inflammation by terminating TNF-induced NF-kappa B responses.

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 TNFAIP3 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 %	94
	Range %	90-98
1:2	Average %	86
	Range %	82-92
1:4	Average %	95
	Range %	89-100
1:8	Average %	97
	Range %	94-106

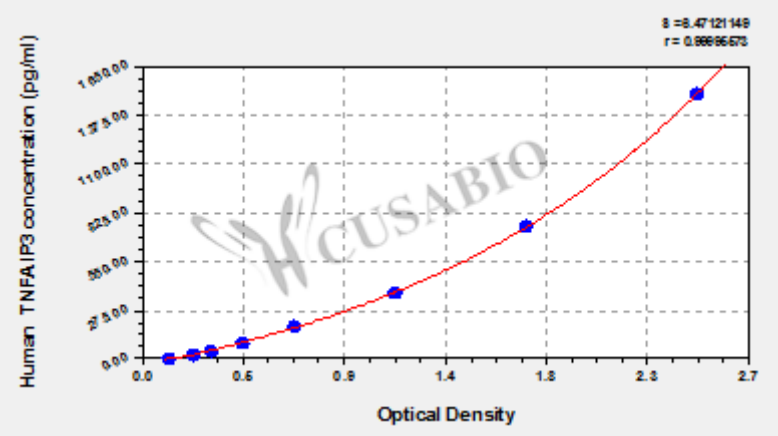
Recovery

The recovery of human TNFAIP3 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)	89	84-94
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.



pg/ml	OD1	OD2	Average	Corrected
1500	2.496	2.458	2.477	2.344
750	1.658	1.788	1.723	1.590
375	1.085	1.195	1.140	1.007
187.5	0.690	0.685	0.688	0.555
94	0.454	0.467	0.461	0.328
47	0.320	0.321	0.321	0.188
23.5	0.231	0.245	0.238	0.105
0	0.135	0.131	0.133	?

Msds

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