



# Human tumor necrosis factor-associated factor 1, TRAF1 ELISA kit

<b>Product Code</b>	CSB-E13601h														
<b>Abbreviation</b>	TRAF1														
<b>Protein Biological Process 1</b>	Apoptosis/Autophagy														
<b>Uniprot No.</b>	Q13077														
<b>Product Type</b>	ELISA Kit														
<b>Immunogen Species</b>	Homo sapiens (Human)														
<b>Sample Types</b>	serum, plasma, tissue homogenates														
<b>Detection Range</b>	31.25 pg/mL-2000 pg/mL														
<b>Sensitivity</b>	7.8 pg/mL														
<b>Assay Time</b>	1-5h														
<b>Sample Volume</b>	50-100ul														
<b>Detection Wavelength</b>	450 nm														
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.														
<b>Research Area</b>	Cancer														
<b>Gene Names</b>	TRAF1														
<b>Tag Info</b>	quantitative														
<b>Protein Description</b>	Sandwich														
<b>Product Precision</b>	<p><b>Intra-assay Precision (Precision within an assay): CV%&lt;8%</b>  Three samples of known concentration were tested twenty times on one plate to assess.</p> <p><b>Inter-assay Precision (Precision between assays): CV%&lt;10%</b>  Three samples of known concentration were tested in twenty assays to assess.</p>														
<b>Linearity</b>	<p>To assess the linearity of the assay, samples were spiked with high concentrations of human TRAF1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table> <tr> <td>?</td><td>Sample</td><td>Serum(n=4)</td></tr> <tr> <td rowspan="2">1:1</td><td>Average %</td><td>87</td></tr> <tr> <td>Range %</td><td>82-90</td></tr> <tr> <td rowspan="2">1:2</td><td>Average %</td><td>101</td></tr> <tr> <td>Range %</td><td>98-106</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	87	Range %	82-90	1:2	Average %	101	Range %	98-106
?	Sample	Serum(n=4)													
1:1	Average %	87													
	Range %	82-90													
1:2	Average %	101													
	Range %	98-106													



1:4	Average %	92
	Range %	85-96
1:8	Average %	94
	Range %	90-98

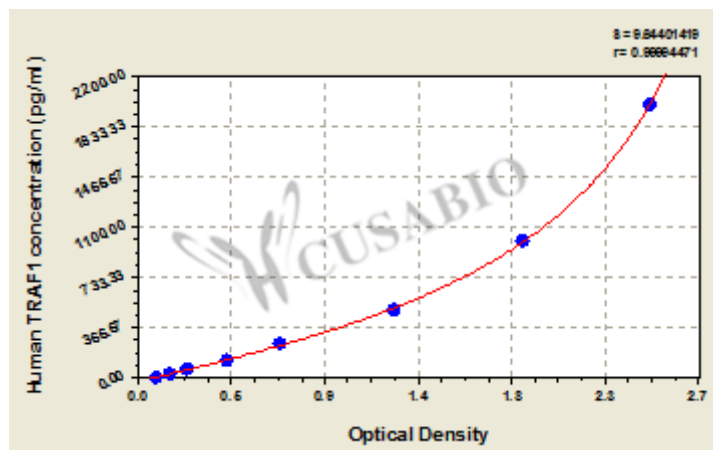
## Recovery

The recovery of human TRAF1 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)	92	86-94
EDTA plasma (n=4)	107	103-112

## 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
2000	2.421	2.568	2.495	2.397
1000	1.858	1.902	1.880	1.782
500	1.224	1.277	1.251	1.153
250	0.694	0.705	0.700	0.602
125	0.432	0.443	0.438	0.340
62.5	0.246	0.252	0.249	0.151
31.25	0.162	0.166	0.164	0.066
0	0.097	0.099	0.098	?

## Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E13601h.pdf","filename":"MSDS"}}