



# Human Factor-related Apoptosis ligand,FASL ELISA Kit

<b>Product Code</b>	CSB-E04544h
<b>Abbreviation</b>	FASLG
<b>Protein Biological Process 1</b>	Apoptosis/Autophagy
<b>Target Name</b>	Fas ligand (TNF superfamily, member 6)
<b>Uniprot No.</b>	P48023
<b>Alias</b>	APT1LG1, CD178, CD95L, FASL, TNFSF6, CD95 ligand apoptosis (APO-1) antigen ligand 1 fas ligand tumor necrosis factor (ligand) superfamily, member 6
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Protein Biological Process 3</b>	Apoptosis
<b>Sample Types</b>	serum, plasma, cell culture supernates
<b>Detection Range</b>	31.25 pg/mL-2000 pg/mL
<b>Sensitivity</b>	7.81 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>	Cell Biology
<b>Gene Names</b>	FASLG
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Sandwich

**Description**

This Human FASLG ELISA Kit was designed for the quantitative measurement of Human FASLG protein in serum, plasma, cell culture supernates. It is a Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sensitivity is 7.81 pg/mL.

**Target Details**

This protein is the ligand for FAS. Both are transmembrane proteins. Interaction of FAS with this ligand is critical in triggering apoptosis of some types of cells such as lymphocytes. Defects in this gene may be related to some cases of systemic lupus erythematosus (SLE).



## 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 FASL 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 %	95
	Range %	89-98
1:2	Average %	98
	Range %	93-102
1:4	Average %	94
	Range %	89-97
1:8	Average %	92
	Range %	87-94

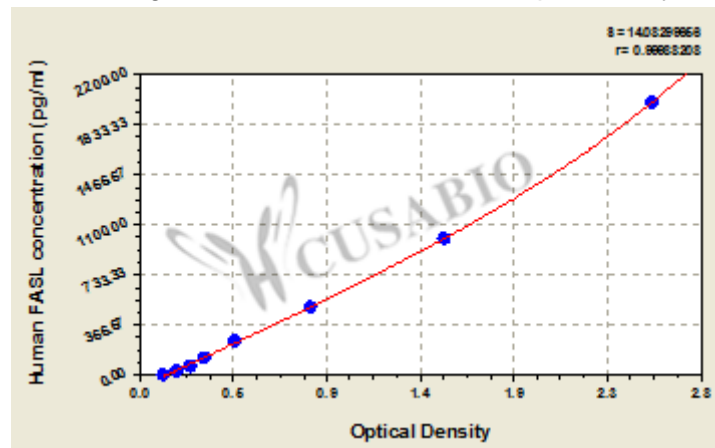
## Recovery

The recovery of human FASL 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)	93	89-97
EDTA plasma (n=4)	88	82-94

## 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	2.472	2.624	2.548	2.423
1000	1.568	1.467	1.518	1.393
500	0.846	0.866	0.856	0.731
250	0.488	0.474	0.481	0.356
125	0.321	0.332	0.327	0.202
62.5	0.255	0.267	0.261	0.136
31.25	0.192	0.198	0.195	0.070
0	0.124	0.126	0.125	

**Msds**

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