



Rat Factor-related Apoptosis ligand,FASL ELISA Kit

Product Code	CSB-E07325r
Abbreviation	FASLG
Protein Biological Process 1	Apoptosis/Autophagy
Target Name	Fas ligand (TNF superfamily, member 6)
Uniprot No.	P36940
Alias	APT1LG1, CD178, CD95L, FASL, TNFSF6, CD95 ligand apoptosis (APO-1) antigen ligand 1 fas ligand tumor necrosis factor (ligand) superfamily, member 6
Product Type	ELISA Kit
Immunogen Species	Rattus norvegicus (Rat)
Protein Biological Process 3	Apoptosis
Sample Types	serum, plasma, tissue homogenates
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	7.8 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	Cell Biology
Gene Names	Faslg
Tag Info	quantitative
Protein Description	Sandwich
Description	This Rat FASLG ELISA Kit was designed for the quantitative measurement of Rat FASLG protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sensitivity is 7.8 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 rat 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 %	89
	Range %	85-93
1:2	Average %	88
	Range %	82-94
1:4	Average %	101
	Range %	95-104
1:8	Average %	92
	Range %	89-96

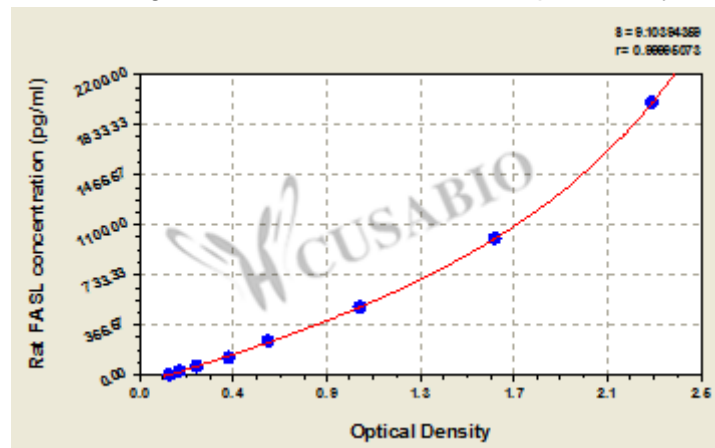
Recovery

The recovery of rat 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)	87	81-92

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	2.212	2.403	2.308	2.166
1000	1.647	1.554	1.601	1.459
500	1.005	0.988	0.997	0.855
250	0.592	0.587	0.590	0.448
125	0.413	0.402	0.408	0.266
62.5	0.272	0.264	0.268	0.126
31.25	0.188	0.192	0.190	0.048
0	0.143	0.141	0.142	

**Msd**

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