



Human ICOS ligand(ICOSLG) ELISA kit

Product Code	CSB-EL010958HU
Abbreviation	ICOSLG
Protein Biological Process 1	Immunity
Target Name	inducible T-cell co-stimulator ligand
Uniprot No.	O75144
Alias	B7-H2, B7H2, B7RP-1, B7RP1, CD275, GL50, ICOS-L, ICOSL, KIAA0653, LICOS, B7-like protein transmembrane protein B7-H2 ICOS ligand
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Adaptive immunity
Sample Types	serum, plasma, tissue homogenates
Detection Range	93.75 pg/mL-6000 pg/mL
Sensitivity	23.4 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	ICOSLG
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human ICOSLG ELISA Kit was designed for the quantitative measurement of Human ICOSLG protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 93.75 pg/mL-6000 pg/mL and the sensitivity is 23.4 pg/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 ICOSLG 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 %	88
	Range %	82-94
1:2	Average %	96
	Range %	89-102
1:4	Average %	98
	Range %	95-106
1:5	Average %	95
	Range %	91-100

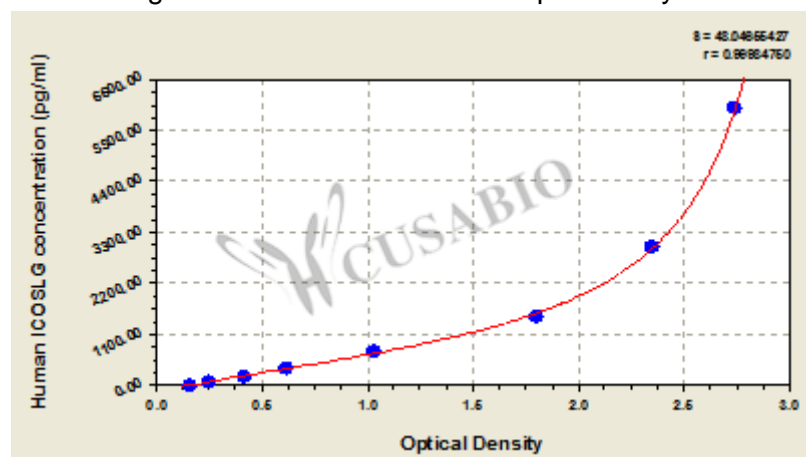
Recovery

The recovery of human ICOSLG 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)	96	88-103
EDTA plasma (n=4)	94	90-100

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
6000	2.748	2.789	2.769	2.592
3000	2.375	2.372	2.374	2.197
1500	1.834	1.816	1.825	1.648
750	1.061	1.047	1.054	0.877
375	0.632	0.636	0.634	0.457
187.5	0.427	0.441	0.434	0.257
93.75	0.259	0.269	0.264	0.087
0	0.179	0.174	0.177	?

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-EL010958HU.pdf","filename":"MSDS"}}}