



Human SLAM family member 7(SLAMF7) ELISA kit

Product Code	CSB-EL021369HU
Abbreviation	SLAMF7
Target Name	SLAM family member 7
Uniprot No.	Q9NQ25
Alias	19A, CD319, CRACC, CS1, 19A24 protein CD2-like receptor activating cytotoxic cells novel LY9 (lymphocyte antigen 9) like protein
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	78 pg/mL-5000 pg/mL
Sensitivity	19.5 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	SLAMF7
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human SLAMF7 ELISA Kit was designed for the quantitative measurement of Human SLAMF7 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 78 pg/mL-5000 pg/mL and the sensitivity is 19.5 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 SLAMF7 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)
1:5	Average %	106
	Range %	100-112
1:10	Average %	98
	Range %	84-102
1:20	Average %	84
	Range %	80-88
1:40	Average %	95
	Range %	90-100

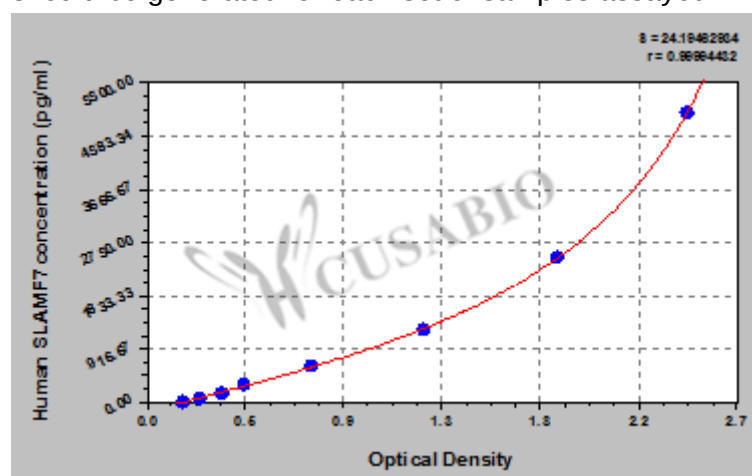
Recovery

The recovery of human SLAMF7 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	89-98
EDTA plasma (n=4)	99	94-110

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
5000	2.396	2.501	2.449	2.272
2500	1.907	1.824	1.866	1.689
1250	1.295	1.234	1.265	1.088
625	0.783	0.743	0.763	0.586
312	0.462	0.448	0.455	0.278
156	0.365	0.342	0.354	0.177
78	0.259	0.247	0.253	0.076
0	0.174	0.180	0.177	

Msds

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