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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Human Kunitz-type protease inhibitor 1(SPINT1) ELISA kit

Product Code	CSB-EL022584HU
Abbreviation	SPINT1
Target Name	serine peptidase inhibitor, Kunitz type 1
Uniprot No.	O43278
Alias	HAI, HAI1, MANSC2, Kunitz-type protease inhibitor 1 hepatocyte growth factor activator inhibitor 1 serine protease inhibitor, Kunitz type 1
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.625 ng/mL-40 ng/mL
Sensitivity	0.156 ng/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
Target Names	SPINT1
Tag Info	quantitative
Protein Length	Sandwich
Target Details	This protein is a member of the Kunitz family of serine protease inhibitors. The protein is a potent inhibitor specific for HGF activator and is thought to be involved in the regulation of the proteolytic activation of HGF in injured tissues. Alternative splicing results in multiple variants encoding different isoforms.
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.



?	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(ng/ml)	4.835	4.93	5.026	4.944	4.794	4.74
SD	0.031	0.033	0.028	0.042	0.036	0.043
CV(%)	4.890	5.148	4.321	6.542	5.705	6.858

Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of human SPINT1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of ? Sample Serum(n=4) the assay.

1:1	Average %	95
	Range %	85-103
1:2	Average %	95
	Range %	85-100
1:4	Average %	90
	Range %	85-97
1:8	Average %	95
	Range %	81-102

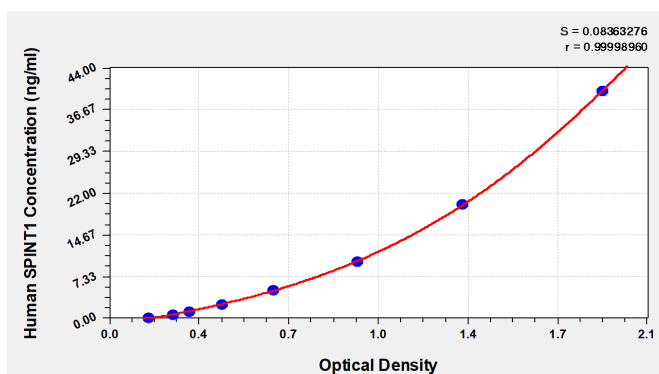
Recovery

The recovery of human SPINT1 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	90-110
EDTA plasma (n=4)	97	87-100

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average	Corrected
40	1.885	1.874	1.880	1.717
20	1.342	1.365	1.354	1.191
10	0.948	0.958	0.953	0.790
5	0.643	0.632	0.638	0.475
2.5	0.439	0.443	0.441	0.278
1.25	0.324	0.315	0.320	0.157
0.625	0.251	0.259	0.255	0.092
0	0.165	0.161	0.163	?

Msds

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