



Human Pulmonary surfactant-associated protein C,SP-C ELISA Kit

Product Code	CSB-E10135h
Abbreviation	SFTPC
Protein Biological Process 1	Transport
Uniprot No.	P11686
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.41 ng/ml - 300 ng/ml
Sensitivity	0.41 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	Signal Transduction
Gene Names	SFTPC
Tag Info	quantitative
Protein Description	Sandwich
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8%</p> <p>Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10%</p> <p>Three samples of known concentration were tested in twenty assays to assess.</p>
Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of human SP-C in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.



1:4	Average %	98
	Range %	92-105
1:8	Average %	96
	Range %	86-100

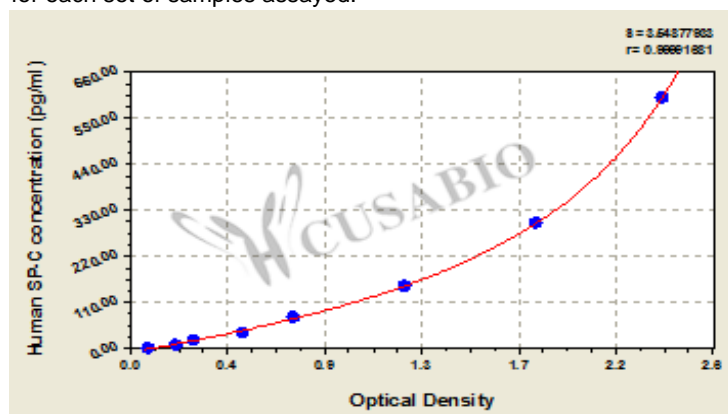
Recovery

The recovery of human SP-C 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	89-99
EDTA plasma (n=4)	98	90-105

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
300	1.931	1.872	1.902	1.741
100	1.512	1.444	1.478	1.317
33.3	0.958	0.904	0.931	0.770
11.1	0.462	0.486	0.474	0.313
3.7	0.288	0.306	0.297	0.136
1.23	0.265	0.252	0.259	0.098
0.41	0.229	0.210	0.220	0.059
0	0.168	0.153	0.161	?

Msds

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