



Human Long palate, lung and nasal epithelium carcinoma-associated protein 4(C20orf186) ELISA kit

Product Code	CSB-EL003694HU
Abbreviation	C20orf186
Target Name	chromosome 20 open reading frame 186
Uniprot No.	P59827
Alias	LPLUNC4, RY2G5, dJ726C3.5, antimicrobial peptide RY2G5 likely ortholog of rat probable ligand-binding protein RY2G5 long palate, lung and nasal epithelium carcinoma associated 4
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	25 pg/mL-1600 pg/mL
Sensitivity	6.25 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	Neuroscience
Gene Names	BPIFB4
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human C20orf186 ELISA Kit was designed for the quantitative measurement of Human C20orf186 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 25 pg/mL-1600 pg/mL and the sensitivity is 6.25 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 C20orf186 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 %	93
	Range %	86-97
1:2	Average %	98
	Range %	92-106
1:4	Average %	84
	Range %	81-89
1:8	Average %	91
	Range %	83-98

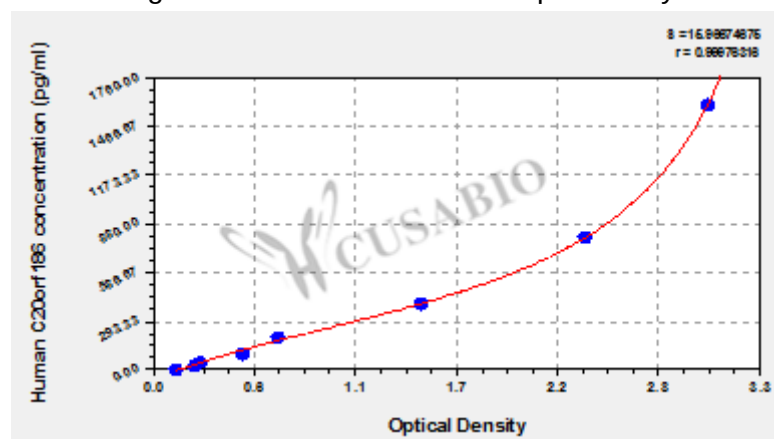
Recovery

The recovery of human C20orf186 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)	101	96-105
EDTA plasma (n=4)	93	88-99

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
1600	2.908	3.158	3.033	2.897
800	2.304	2.433	2.369	2.233
400	1.478	1.475	1.477	1.341
200	0.686	0.707	0.697	0.561
100	0.497	0.503	0.500	0.364
50	0.263	0.277	0.270	0.134
25	0.230	0.244	0.237	0.101
0	0.140	0.132	0.136	

Msds

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