



Human Mammaglobin-B(SCGB2A1) ELISA kit

Product Code	CSB-EL020816HU
Abbreviation	SCGB2A1
Target Name	secretoglobin, family 2A, member 1
Uniprot No.	O75556
Alias	LPHC, MGB2, MGC71973, UGB3, lacryglobin lipophilin C mammaglobin 2 mammaglobin B
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.235 ng/mL-15 ng/mL
Sensitivity	0.058 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	Others
Gene Names	SCGB2A1
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human SCGB2A1 ELISA Kit was designed for the quantitative measurement of Human SCGB2A1 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.235 ng/mL-15 ng/mL and the sensitivity is 0.058 ng/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 SCGB2A1 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 %	94
	Range %	90-99
1:2	Average %	100
	Range %	95-106
1:4	Average %	90
	Range %	85-94
1:8	Average %	85
	Range %	80-89

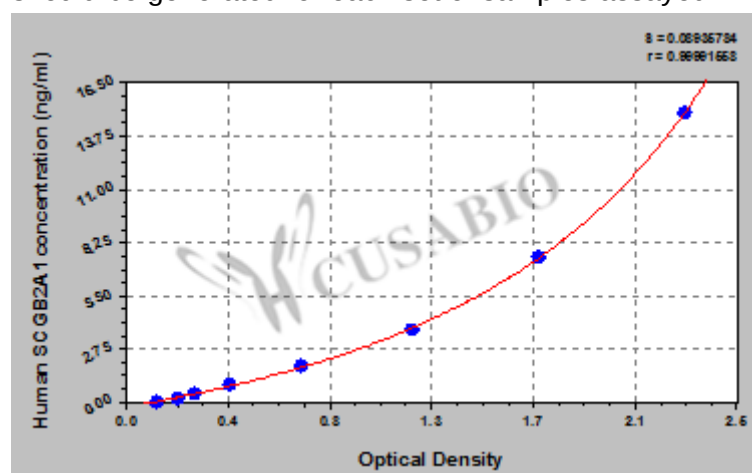
Recovery

The recovery of human SCGB2A1 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)	98	93-102
EDTA plasma (n=4)	92	88-87

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
15	2.345	2.252	2.299	2.158
7.5	1.723	1.676	1.700	1.559
3.75	1.215	1.154	1.185	1.044
1.88	0.721	0.743	0.732	0.591
0.94	0.436	0.441	0.439	0.298
0.47	0.302	0.288	0.295	0.154
0.235	0.234	0.219	0.227	0.086
0	0.143	0.139	0.141	

Msds

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