



Human Regenerating islet-derived protein 3-gamma(REG3G) ELISA kit

Product Code	CSB-EL019549HU
Abbreviation	REG3G
Protein Biological Process 1	Immunity
Target Name	regenerating islet-derived 3 gamma
Uniprot No.	Q6UW15
Alias	MGC118998, MGC118999, MGC119001, PAP1B, PAPIB, REG-III, UNQ429, LPPM429 PAP IB protein regenerating gene III
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Acute phase
Sample Types	serum, plasma, tissue homogenates
Detection Range	3.12 ng/mL-200 ng/mL
Sensitivity	0.78 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	Immunology
Gene Names	REG3G
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human REG3G ELISA Kit was designed for the quantitative measurement of Human REG3G protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 3.12 ng/mL-200 ng/mL and the sensitivity is 0.78 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 REG3G 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 %	92
	Range %	88-97
1:2	Average %	99
	Range %	95-107
1:4	Average %	104
	Range %	100-110
1:8	Average %	93
	Range %	86-98

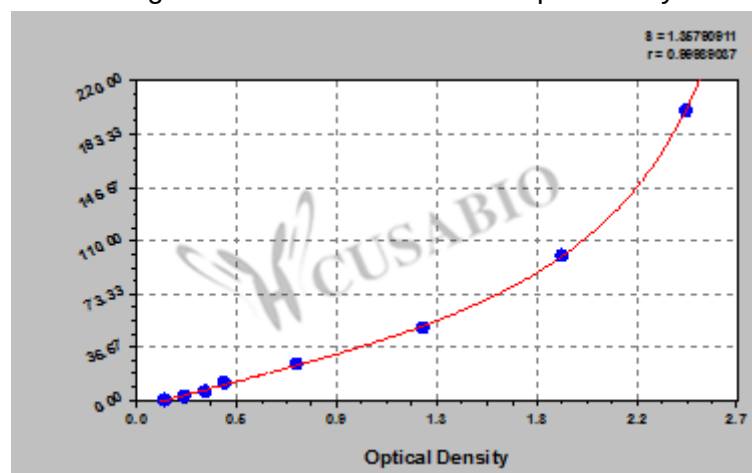
Recovery

The recovery of human REG3G 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)	95	90-99
EDTA plasma (n=4)	90	85-94

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
200	2.519	2.352	2.436	2.296
100	1.923	1.856	1.890	1.750
50	1.301	1.254	1.278	1.138
25	0.719	0.721	0.720	0.580
12.5	0.415	0.387	0.401	0.261
6.25	0.324	0.307	0.316	0.176
3.12	0.215	0.229	0.222	0.082
0	0.142	0.137	0.140	

Msds

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