



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

Product Code	CSB-EL019549MO
Abbreviation	REG3G
Protein Biological Process 1	Immunity
Target Name	regenerating islet-derived 3 gamma
Uniprot No.	O09049
Alias	MGC118998, MGC118999, MGC119001, PAP1B, PAPIB, REG-III, UNQ429, LPPM429 PAP IB protein regenerating gene III
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Protein Biological Process 3	Acute phase
Sample Types	serum, plasma, tissue homogenates
Detection Range	15.6 pg/mL-1000 pg/mL
Sensitivity	3.9 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	Immunology
Gene Names	Reg3g
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse REG3G ELISA Kit was designed for the quantitative measurement of Mouse REG3G protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 15.6 pg/mL-1000 pg/mL and the sensitivity is 3.9 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 mouse 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)
1:100	Average %	93
	Range %	89-106
1:200	Average %	92
	Range %	83-100
1:400	Average %	95
	Range %	89-99
1:800	Average %	97
	Range %	89-103

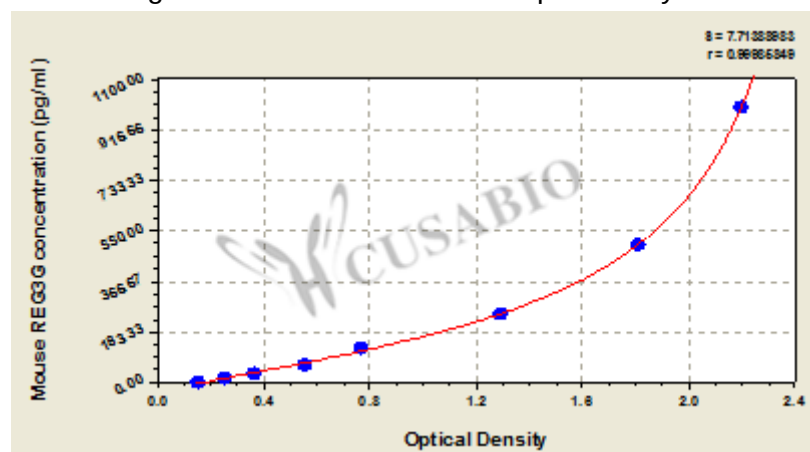
Recovery

The recovery of mouse 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)	94	91-98
EDTA plasma (n=4)	97	92-105

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
1000	2.190	2.123	2.157	1.996
500	1.793	1.762	1.778	1.617
250	1.295	1.257	1.276	1.115
125	0.779	0.748	0.764	0.603
62.5	0.562	0.554	0.558	0.397
31.25	0.375	0.368	0.372	0.211
15.6	0.263	0.254	0.259	0.098
0	0.157	0.165	0.161	

Msds

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