

Mouse Semaphorin-3G, SEMA3G ELISA Kit | SEMA3G elisa kit

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CATALOG #
AAA123437

REACTIVITY
Mouse

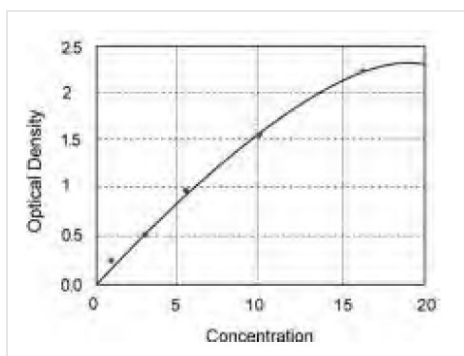
PRODUCT SYNONYMS

Semaphorin-3G; SEMA3G; Mouse Semaphorin-3G; SEMA3G ELISA Kit; SEMA3G elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	780
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/mL
Sensitivity	0.024ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA3G elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse SEMA3G antibody. SEMA3G present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse SEMA3G Antibody is added and binds to SEMA3G in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SEMA3G antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse SEMA3G. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Semaphorin-3G (also known as SEMA3G) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	84794605
NCBI GeneID	218877
NCBI GenBank Nucleotide #	NP_001020550.1
UniProt Accession #	Q4LFA9
NCBI Official Full Name	semaphorin-3G
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G
NCBI Official Symbol	Sema3g
NCBI Official Synonym Symbols	AK129018
NCBI Protein Information	semaphorin-3G
UniProt Protein Name	Semaphorin-3G
UniProt Gene Name	Sema3g
UniProt Entry Name	SEM3G_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.