

Human sema domain, immunoglobulin domain (Ig) , short basic domain, secreted, (semaphorin) 3G ELISA Kit | SEMA3G elisa kit

Human Semaphorin-3G, SEMA3G ELISA Kit

CATALOG #
AAA112525

REACTIVITY
Human

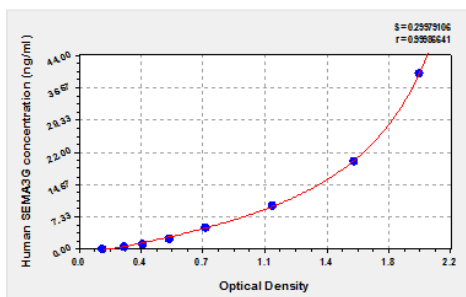
PRODUCT SYNONYMS

sema domain; immunoglobulin domain (Ig); short basic domain; secreted; (semaphorin) 3G; Human Semaphorin-3G; SEMA3G ELISA Kit; Human Semaphorin-3G (SEMA3G) ELISA kit; FLJ00014; MGC119473; sem2; semaphorin sem2; SEMA3G elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SEMA3G. No significant cross-reactivity or interference between human SEMA3G and analogues was observed.
Sequence Length	782
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.625 ng/ml -40 ng/ml.
Sensitivity	0.156 ng/ml.
Intra-assay 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	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA3G elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SEMA3G has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SEMA3G present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SEMA3G is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SEMA3G bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910362
NCBI GeneID	56920
NCBI Accession #	NP_064548.1
NCBI GenBank Nucleotide #	NM_020163.1
UniProt Accession #	Q9NS98; Q7L9D9; Q9H7Q3
Molecular Weight	86,701 Da
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	sem2
NCBI Protein Information	semaphorin-3G; semaphorin sem2
UniProt Protein Name	Semaphorin-3G
UniProt Gene Name	SEMA3G
UniProt Entry Name	SEM3G_HUMAN

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.