

Human semenogelin II ELISA Kit | SEMG2 elisa kit

Human Semenogelin-2, SEMG2 ELISA Kit

CATALOG #
AAA18082

REACTIVITY
Human

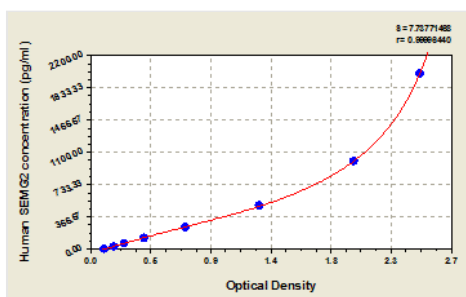
PRODUCT SYNONYMS

semenogelin II; Human Semenogelin-2; SEMG2 ELISA Kit; Human Semenogelin-2 (SEMG2) ELISA kit; SGII; Semenogelin 2; SEMG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SEMG2. No significant cross-reactivity or interference between human SEMG2 and analogues was observed.
Sequence Length	582
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	<7.81 pg/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 SEMG2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SEMG2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SEMG2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SEMG2 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 SEMG2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506885
NCBI GeneID	6407
NCBI Accession #	NP_002999.1
NCBI GenBank Nucleotide #	NM_003008.2
UniProt Accession #	Q02383; Q53ZU2; Q6X2M5; Q6X2M6
Molecular Weight	65,444 Da
NCBI Official Full Name	semenogelin-2
NCBI Official Synonym Full Names	semenogelin II
NCBI Official Symbol	SEMG2
NCBI Official Synonym Symbols	SGII
NCBI Protein Information	semenogelin-2; Semenogelin 2
UniProt Protein Name	Semenogelin-2
UniProt Gene Name	SEMG2
UniProt Synonym Gene Names	SGII
UniProt Entry Name	SEMG2_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.

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Online datasheet: <https://stage.aaabiotech.com/semg2-human-elisa-kits/semenogelin-ii/18082>