

Human Semenogelin-2 ELISA Kit | SEMG2 elisa kit

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CATALOG #
AAA99045

REACTIVITY
Human

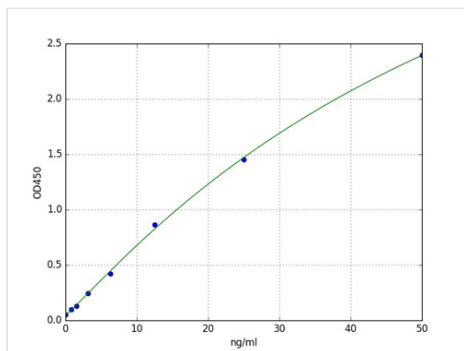
PRODUCT SYNONYMS

Semenogelin-2; Human Semenogelin-2 ELISA Kit; SEMG2/Semenogelin-2/Semenogelin II/SGII; SEMG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	582
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ug/ml
Sensitivity	0.188ug/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a SEMG2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.007	0.056	0.120	0.237	0.330	1.140	1.938	2.312

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMG2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-SEMG2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-SEMG2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the SEMG2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of SEMG2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4506885

NCBI GeneID	6407
NCBI Accession #	NP_002999.1
NCBI GenBank Nucleotide #	NM_003008.2
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
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://www.aaabiotech.com/semg2-human-elisa-kits/semenogelin-2/99045>