

Human Semenogelin-1, SEMG1 ELISA Kit | SEMG1 elisa kit

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CATALOG #
AAA43728

REACTIVITY
Human

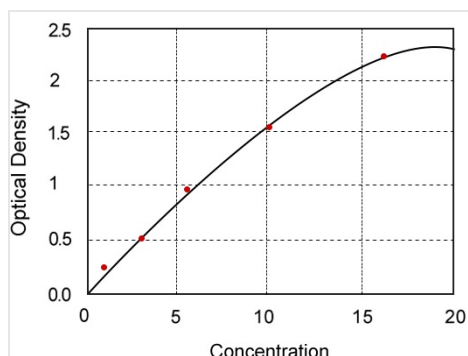
PRODUCT SYNONYMS

Semenogelin-1; SEMG1; Human Semenogelin-1; SEMG1 ELISA Kit; SEMG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	462
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.051ng/ml
Intra-Assay	CV<8%
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 SEMG1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Semenogelin-1 (also known as SEMG1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human SEMG1 antibody. SEMG1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SEMG1 antibody is added and binds to SEMG1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SEMG1 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 human SEMG1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506883
NCBI GeneID	6406
NCBI Accession #	NP_002998.1
NCBI GenBank Nucleotide #	NM_003007.4
UniProt Accession #	P04279; Q53ZV0; Q53ZV1; Q53ZV2; Q6X4I9; Q6Y809; Q6Y822; Q6Y823; Q86U64; Q96QM3
Molecular Weight	45,322 Da
NCBI Official Full Name	semenogelin-1 preproprotein
NCBI Official Synonym Full Names	semenogelin 1
NCBI Official Symbol	SEMG1
NCBI Official Synonym Symbols	SGI; SEMG; CT103; dJ172H20.2
NCBI Protein Information	semenogelin-1
UniProt Protein Name	Semenogelin-1
UniProt Gene Name	SEMG1
UniProt Synonym Gene Names	SEMG; SGI

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/human-elisa-kits/semenogelin-1-semg1/43728>