

Mouse SPARC-like protein 1 ELISA Kit | Sparcl1 elisa kit

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CATALOG #
AAA101431

REACTIVITY
Mouse

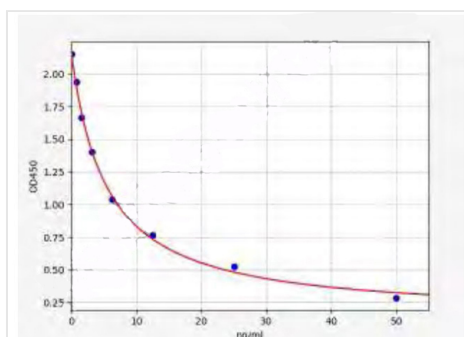
PRODUCT SYNONYMS

SPARC-like protein 1; Mouse SPARC-like protein 1 ELISA Kit; Sparcl1/Hevin/MAST9/SC1/SPARCL1/hevin/Hevin/High endothelial venule protein/MAST9/MAST9/mast9/PIG33/proliferation-inducing protein 33/SC1/SPARC-like 1 (hevin)/SPARC-like 1 (mast9; hevin)/SPARC-like protein 1; Sparcl1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize SPARCL1, no obvious cross reaction with other analogues
Sequence Length	664
Assay Type	Competitive
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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)

ADDITIONAL INFORMATION

Related Product Information for Sparcl1 elisa kit	Background: SPARC-like protein 1 (SPARCL1), also known as high endothelial venule protein (Hevin) or MAST9, is a 664 amino acid member of the SPARC family of proteins. Highly expressed in lymph node, heart, lung, brain, skeletal muscle, ovary, colon and small intestine, SPARCL1 is a secreted protein that contains one EF-hand domain, one follistatin-like domain and one Kazal-like domain. SPARCL1 is implicated to play a role in neuronal remodeling and tumor suppression. Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with SPARCL1. During the reaction, SPARCL1 in the sample or standard competes with a fixed amount of SPARCL1 on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to SPARCL1. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm. The concentration of SPARCL1 in the samples is then determined by comparing the OD of the samples to the standard curve. The concentration of the target substance was inversely proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190194423
NCBI GeneID	8404
NCBI Accession #	NP_001121782.1
NCBI GenBank Nucleotide #	NM_001128310.2
Molecular Weight	61,760 Da
NCBI Official Full Name	SPARC-like protein 1 isoform 1
NCBI Official Synonym Full Names	SPARC like 1
NCBI Official Symbol	SPARCL1
NCBI Official Synonym Symbols	SC1; MAST9; PIG33; MAST 9
NCBI Protein Information	SPARC-like protein 1
UniProt Protein Name	SPARC-like protein 1
UniProt Gene Name	SPARCL1
UniProt Synonym Gene Names	Hevin
UniProt Entry Name	SPRL1_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.