

Human Hevin ELISA Kit | SPARCL1 elisa kit

Human Hevin ELISA Kit

CATALOG # AAA261699	REACTIVITY Human	APPLICATIONS ELISA
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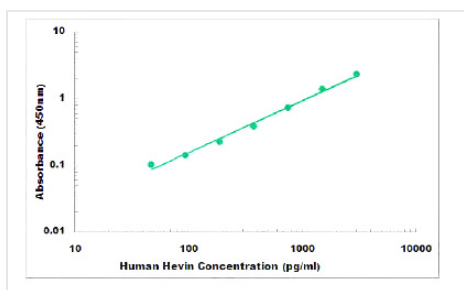
PRODUCT SYNONYMS

Hevin; Human Hevin ELISA Kit; SPARC-like protein 1; High endothelial venule protein; MAST 9; SPARCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Hevin ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Hevin proteins within the range of 46.9 pg/ml - 3000 pg/ml.
Sequence Length	664
Samples	Cell Culture Supernatants, Serum.
Sensitivity	10 pg/ml.
Applicable Applications for SPARCL1 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPARCL1 elisa kit	Principle of the Assay The Human Hevin ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Hevin in Cell Culture Supernatants, Serum. This assay employs an antibody specific for Human Hevin coated on a 96-well plate. Standards and samples are pipetted into the wells and Hevin present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Hevin antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Hevin bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: SPARCL1 (SPARC-Like Protein 1), also known as HEVIN, is a protein that in humans is encoded by the SPARCL1 gene. The cells in high endothelial venules (HEVs) in lymphoid tissues have a plump, almost cuboidal, appearance and support high levels of lymphocyte extravasation from blood, possibly due to the presence of desmosome-like junctions rather than tight junctions in the HEVs. In chronic inflammation, the activated endothelium of nonlymphoid tissues acquires an HEV-like morphology and function. SPARCL1 is highly expressed in HEV and is thought to contribute to the induction or maintenance of features of the HEV endothelium that facilitate lymphocyte migration.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	259016170
NCBI GeneID	8404
UniProt Accession #	Q14515; Q14800; B4E2Z0; E7ESU2
Molecular Weight	61,760 Da
NCBI Official Full Name	SPARC-like protein 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.