

Human Heparan Sulfate Proteoglycan (HSPG) ELISA Kit | HSPG elisa kit

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CATALOG #
AAA43256

REACTIVITY
Human

PRODUCT SYNONYMS

Heparan Sulfate Proteoglycan (HSPG); Human Heparan Sulfate Proteoglycan (HSPG) ELISA Kit; HSPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	4391
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	8ng/L - 1500ng/L
Sensitivity	4.56ng/L
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 HSPG elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Heparan Sulfate Proteoglycan 1 (also known as HSPG) 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 HSPG antibody. HSPG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human HSPG Antibody is added and binds to HSPG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HSPG 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 HSPG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	184427
NCBI GeneID	3339
Molecular Weight	468,830 Da
NCBI Official Full Name	heparan sulfate proteoglycan
NCBI Official Synonym Full Names	heparan sulfate proteoglycan 2
NCBI Official Symbol	HSPG2
NCBI Official Synonym Symbols	PLC; SJA; SJS; HSPG; SJS1; PRCAN
NCBI Protein Information	basement membrane-specific heparan sulfate proteoglycan core protein
UniProt Protein Name	Basement membrane-specific heparan sulfate proteoglycan core protein
UniProt Gene Name	HSPG2
UniProt Synonym Gene Names	HSPG; PLC

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/heparan-sulfate-proteoglycan-hspg/43256>