

Monkey Heparan Sulphate Proteoglycan ELISA Kit | HSPG elisa kit

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CATALOG #
AAA88523

REACTIVITY
Monkey

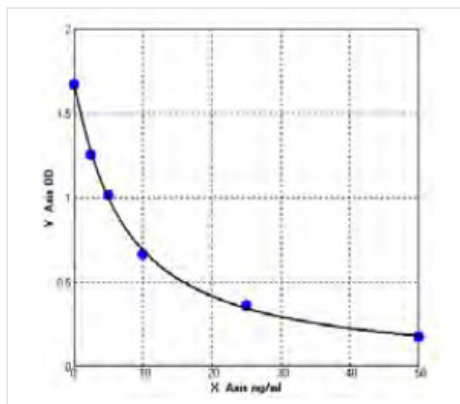
PRODUCT SYNONYMS

Heparan Sulphate Proteoglycan; Monkey Heparan Sulphate Proteoglycan ELISA Kit; HSPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of HSPG. No significant cross-reactivity or interference between HSPG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HSPG and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPG elisa kit	Principle of the Assay: HSPG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HSPG antibody and an HSPG-HRP conjugate. The assay sample and buffer are incubated together with HSPG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HSPG concentration since HSPG from samples and HSPG-HRP conjugate compete for the anti-HSPG antibody binding site. Since the number of sites is limited, as more sites are occupied by HSPG from the sample, fewer sites are left to bind HSPG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSPG concentration in each sample is interpolated from this standard curve. Intended Uses: This HSPG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HSPG. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for HSPG elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	13242858
NCBI GeneID	3339
Molecular Weight	468,830 Da
NCBI Official Full Name	heparan sulfate proteoglycan core protein, partial
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; perlecan proteoglycan; endorepellin (domain V region)
UniProt Protein Name	Basement membrane-specific heparan sulfate proteoglycan core protein
UniProt Gene Name	HSPG2
UniProt Synonym Gene Names	HSPG; PLC
UniProt Entry Name	PGBM_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://stage.aaabiotech.com/hspg-monkey-elisa-kits/heparan-sulphate-proteoglycan/88523>