

Rat Basement membrane-specific heparan sulfate proteoglycan core protein (HSPG2) ELISA Kit | HSPG2 elisa kit

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CATALOG # AAA244850	REACTIVITY Rat
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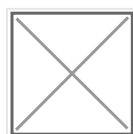
PRODUCT SYNONYMS

Basement membrane-specific heparan sulfate proteoglycan core protein (HSPG2); Rat Basement membrane-specific heparan sulfate proteoglycan core protein (HSPG2) ELISA Kit; HSPG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 HSPG2 elisa kit	Intended Uses: This HSPA8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HSPA8. This ELISA kit for research use only! Principle of the Assay: HSPA8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HSPA8 antibody and an HSPA8-HRP conjugate. The assay sample and buffer are incubated together with HSPA8-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 HSPA8 concentration since HSPA8 from samples and HSPA8-HRP conjugate compete for the anti-HSPA8 antibody binding site. Since the number of sites is limited, as more sites are occupied by HSPA8 from the sample, fewer sites are left to bind HSPA8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSPA8 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126012571
NCBI GeneID	3339
NCBI Accession #	NP_005520.4

NCBI GenBank Nucleotide #	NM_005529.6
Molecular Weight	468,830 Da
NCBI Official Full Name	basement membrane-specific heparan sulfate proteoglycan core protein isoform b
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/rat-elisa-kits/basement-membrane-specific-heparan-sulfate-proteoglycan-core-protein-hspg2/244850>