

Human Heparan Sulfate Proteoglycan 2 (HSPG2) RTU ELISA Kit | HSPG2 rtu elisa kit

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CATALOG #
AAA71283

REACTIVITY
Human

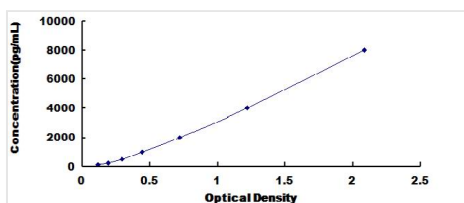
PRODUCT SYNONYMS

Heparan Sulfate Proteoglycan 2 (HSPG2); Human Heparan Sulfate Proteoglycan 2 (HSPG2) ELISA Kit; PLC; PRCAN; SJA; SJS; SJS1; Perlecan; Endorepellin; Schwartz-Jampel Syndrome 1; Basement membrane-specific heparan sulfate proteoglycan core protein; HSPG2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	4392
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	125-8000pg/mL
Sensitivity	49pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPG2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSPG2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSPG2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HSPG2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of HSPG2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	629266065
NCBI GeneID	3339
NCBI Accession #	NP_001278789.1
NCBI GenBank Nucleotide #	NM_001291860.1
UniProt Accession #	P98160; Q16287; Q5SZI3; Q9H3V5
Molecular Weight	468,830 Da
NCBI Official Full Name	basement membrane-specific heparan sulfate proteoglycan core protein isoform a
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-rtu-elisa-kits/heparan-sulfate-proteoglycan-2-hspg2/71283>