

Rat Heparan Sulphate Proteoglycan ELISA Kit | HSPG elisa kit

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CATALOG #
AAA99877

REACTIVITY
Rat

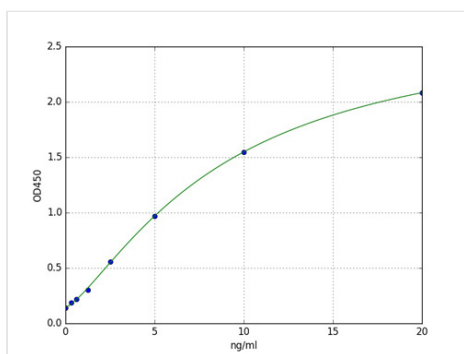
PRODUCT SYNONYMS

Heparan Sulphate Proteoglycan; Rat Heparan Sulphate Proteoglycan ELISA Kit; HSPG/CD362/Fibroglycan/HSPG1/SDC2/SYND2/CD362 antigen/Fibroglycan/fibroglycan/heparan sulfate proteoglycan 1; cell surface-associated/Heparan sulfate proteoglycan core protein/HSPG/HSPG1syndecan proteoglycan 2/SYND2cell surface-associated heparan sulfate proteoglycan 1/syndecan 2/syndecan-2; HSPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	580
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat HSPG ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.025	0.090	0.201	0.256	0.459	0.938	1.368	2.075

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSPG elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat HSPG antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat HSPG antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat HSPG amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat HSPG can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1245417
NCBI GeneID	2719
Molecular Weight	68,414 Da
NCBI Official Full Name	heparan sulphate proteoglycan
NCBI Official Synonym Full Names	glypican 3
NCBI Official Symbol	GPC3
NCBI Official Synonym Symbols	SGB; DGSX; MXR7; SDYS; SGBS; OCI-5; SGBS1; GTR2-2
NCBI Protein Information	glypican-3
UniProt Protein Name	Glypican-3
UniProt Gene Name	GPC3
UniProt Synonym Gene Names	OCI5
UniProt Entry Name	GPC3_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-rat-elisa-kits/heparan-sulphate-proteoglycan/99877>