

Human heparan sulfate (HS) ELISA Kit | HS elisa kit

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CATALOG #
AAA12976

REACTIVITY
Human

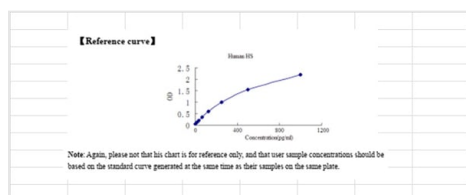
PRODUCT SYNONYMS

heparan sulfate (HS); Human heparan sulfate (HS) ELISA Kit; HS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	307
Assay Type	Sandwich
Detection Range	1000 pg/mL-15.6 pg/mL
Sensitivity	Up to 5 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HS elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human HS monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826764
NCBI GeneID	9957
NCBI Accession #	NP_005105.1

NCBI GenBank Nucleotide #	NM_005114.2
Molecular Weight	35,773 Da
NCBI Official Full Name	heparan sulfate glucosamine 3-O-sulfotransferase 1
NCBI Official Synonym Full Names	heparan sulfate (glucosamine) 3-O-sulfotransferase 1
NCBI Official Symbol	HS3ST1
NCBI Official Synonym Symbols	3OST; 3OST1
NCBI Protein Information	heparan sulfate glucosamine 3-O-sulfotransferase 1; 3-OST-1; h3-OST-1; heparan sulfate 3-O-sulfotransferase 1; heparin-glucosamine 3-O-sulfotransferase; heparan sulfate D-glucosaminyI 3-O-sulfotransferase 1
UniProt Protein Name	Heparan sulfate glucosamine 3-O-sulfotransferase 1
UniProt Gene Name	HS3ST1
UniProt Synonym Gene Names	3OST; 3OST1; 3-OST-1; Heparan sulfate 3-O-sulfotransferase 1; h3-OST-1
UniProt Entry Name	HS3S1_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/human-elisa-kits/heparan-sulfate-hs/12976>