

Human Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2 ELISA Kit | NDST2 elisa kit

Human Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2 ELISA Kit

CATALOG #
AAA101112

REACTIVITY
Human

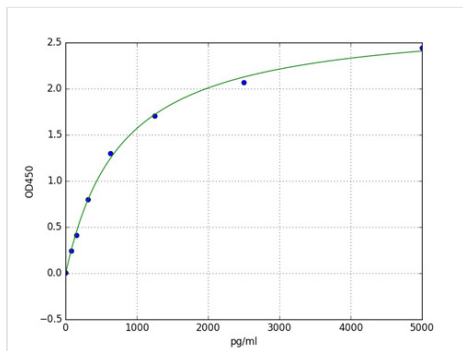
PRODUCT SYNONYMS

Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2; Human Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2 ELISA Kit; NDST2/bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2/Glucosaminyl N-deacetylase/N-sulfotransferase 2/N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2/NDST-2/N-heparan sulfate sulfotransferase 2/N-HSST 2/NST2; NDST2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	883
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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



Typical Data & Standard Curve
Results of a typical standard run of a Human NDST2 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	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.006	0.244	0.445	0.784	1.284	1.735	1.875	2.467

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NDST2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human NDST2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human NDST2 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 Human NDST2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human NDST2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505353
NCBI GeneID	8509
NCBI Accession #	NP_003626.1
NCBI GenBank Nucleotide #	NM_003635.3
Molecular Weight	42,093 Da
NCBI Official Full Name	bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2
NCBI Official Synonym Full Names	N-deacetylase/N-sulfotransferase 2
NCBI Official Symbol	NDST2
NCBI Official Synonym Symbols	NST2; HSST2
NCBI Protein Information	bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2
UniProt Protein Name	Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2
UniProt Gene Name	NDST2
UniProt Synonym Gene Names	HSST2; NDST-2; N-HSST 2
UniProt Entry Name	NDST2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ndst2-human-elisa-kits/bifunctional-heparan-sulfate-n-deacetylase-n-sulfotransferase-2/101112>