

Human Hyaluronan synthase 1 ELISA Kit | HAS1 elisa kit

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CATALOG #
AAA99597

REACTIVITY
Human

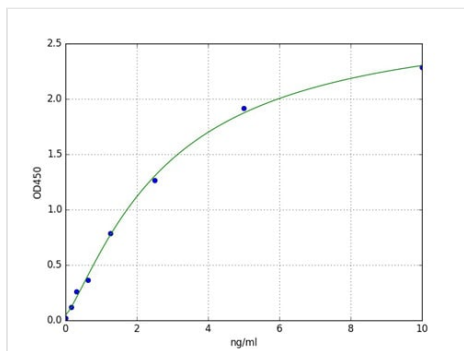
PRODUCT SYNONYMS

Hyaluronan synthase 1; Human Hyaluronan synthase 1 ELISA Kit; HAS1/Hyaluronate synthase 1/Hyaluronic acid synthase 1/HA synthase 1/HAS; HAS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	578
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 Human HAS1 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.046	0.079	0.129	0.182	0.299	0.696	1.082	1.787

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HAS1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human HAS1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human HAS1 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 HAS1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human HAS1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

9454519

NCBI GeneID	3036
Molecular Weight	64,832 Da
NCBI Official Full Name	hyaluronan synthase 1
NCBI Official Synonym Full Names	hyaluronan synthase 1
NCBI Official Symbol	HAS1
NCBI Official Synonym Symbols	HAS
NCBI Protein Information	hyaluronan synthase 1
UniProt Protein Name	Hyaluronan synthase 1
UniProt Gene Name	HAS1
UniProt Synonym Gene Names	HAS; HA synthase 1; HuHAS1
UniProt Entry Name	HYAS1_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/has1-human-elisa-kits/hyaluronan-synthase-1/99597>