

Human Alpha-N-acetylglucosaminidase ELISA Kit | NAGLU elisa kit

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CATALOG #
AAA97991

REACTIVITY
Human

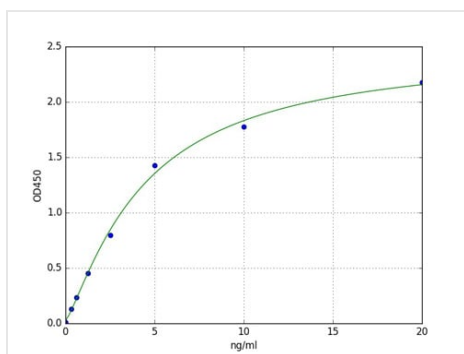
PRODUCT SYNONYMS

Alpha-N-acetylglucosaminidase; Human Alpha-N-acetylglucosaminidase ELISA Kit; NAGLU (N-Acetyl Alpha-D-Glucosaminidase)/NAG/UFHSD1/MPS3B/MPS-IIIB/N-acetyl-alpha-glucosaminidase/NAGalpha-N-acetylglucosaminidase/UFHSD; NAGLU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	743
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 NAGLU 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	0.072	0.149	0.222	0.369	0.661	1.145	1.943	2.595

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAGLU elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	66346698
NCBI GeneID	4669
NCBI Accession #	NP_000254.2
NCBI GenBank Nucleotide #	NM_000263.3
Molecular Weight	82,266 Da
NCBI Official Full Name	alpha-N-acetylglucosaminidase
NCBI Official Synonym Full Names	N-acetylglucosaminidase, alpha
NCBI Official Symbol	NAGLU
NCBI Official Synonym Symbols	NAG; CMT2V; MPS3B; UFHSD; MPS-IIIB
NCBI Protein Information	alpha-N-acetylglucosaminidase
UniProt Protein Name	Alpha-N-acetylglucosaminidase
UniProt Gene Name	NAGLU
UniProt Synonym Gene Names	UFHSD1; NAG
UniProt Entry Name	ANAG_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/naglu-human-elisa-kits/alpha-n-acetylglucosaminidase/97991>