

Human N-acetylglucosaminidase, alpha- ELISA Kit | NAGLU elisa kit

Human alphaN-acetylglucosaminidase, alphaNAG ELISA Kit

CATALOG #
AAA79845

REACTIVITY
Human

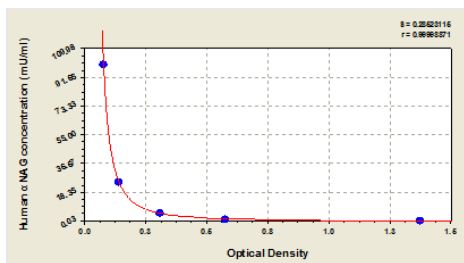
PRODUCT SYNONYMS

N-acetylglucosaminidase; alpha-; Human alphaN-acetylglucosaminidase; alphaNAG ELISA Kit; MPS-IIIIB; MPS3B; NAG; UFHSD; N-acetyl-alpha-glucosaminidase; alpha-N-acetylglucosaminidase; NAGLU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human alphaNAG. No significant cross-reactivity or interference between human alphaNAG and analogues was observed.
Sequence Length	743
Samples	Serum, plasma, urine.
Assay Type	Competitive
Detection Range	0. 25 mU/ml -100 mU/ml.
Sensitivity	0.1 mU/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<6%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<11%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAGLU elisa kit	Principle of the Assay This assay employs the competitive inhibition enzyme immunoassay technique. Antibody specific for alphaNAG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated alphaNAG. A competitive inhibition reaction is launched between alphaNAG (Standards or samples) and HRP-conjugated alphaNAG with the pre-coated antibody specific for alphaNAG. The more amount of alphaNAG in samples, the less antibody bound by HRP-conjugated alphaNAG. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of alphaNAG in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66346698
NCBI GeneID	4669
NCBI Accession #	NP_000254.2
NCBI GenBank Nucleotide #	NM_000263.3
UniProt Accession #	P54802
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; MPS3B; UFHSD; MPS-IIIB
NCBI Protein Information	alpha-N-acetylglucosaminidase; N-acetyl-alpha-glucosaminidase
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/n-acetylglucosaminidase-alpha/79845>