

Human N-acetylgalactosaminidase, alpha- ELISA Kit | NAGA elisa kit

Human Alpha-N-acetylgalactosaminidase, NAGA ELISA Kit

CATALOG #
AAA18316

REACTIVITY
Human

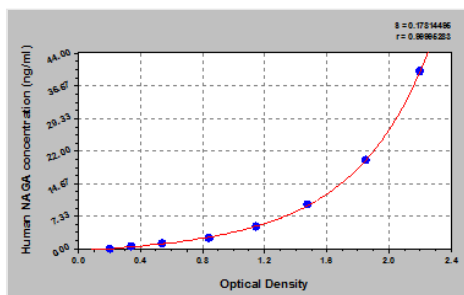
PRODUCT SYNONYMS

N-acetylgalactosaminidase; alpha-; Human Alpha-N-acetylgalactosaminidase; NAGA ELISA Kit; Human Alpha-N-acetylgalactosaminidase (NAGA) ELISA kit; D22S674; GALB; Acetylgalactosaminidase; alpha-N- (alpha-galactosidase B) ; OTTHUMP00000199655; OTTHUMP00000199657; alpha-N-acetylgalactosaminidase; NAGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human NAGA. No significant cross-reactivity or interference between human NAGA and analogues was observed.
Sequence Length	411
Samples	Serum, plasma, urine, saliva, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	<0.156 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 NAGA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NAGA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NAGA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NAGA is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NAGA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557781
NCBI GeneID	4668
NCBI Accession #	NP_000253.1
NCBI GenBank Nucleotide #	NM_000262.2
UniProt Accession #	P17050
Molecular Weight	46,565 Da
NCBI Official Full Name	alpha-N-acetylgalactosaminidase
NCBI Official Synonym Full Names	N-acetylgalactosaminidase, alpha-
NCBI Official Symbol	NAGA
NCBI Official Synonym Symbols	GALB; D22S674
NCBI Protein Information	alpha-N-acetylgalactosaminidase; alpha-galactosidase B; Acetylgalactosaminidase, alpha-N- (alpha-galactosidase B)
UniProt Protein Name	Alpha-N-acetylgalactosaminidase
UniProt Gene Name	NAGA
UniProt Entry Name	NAGAB_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/naga-human-elisa-kits/n-acetylgalactosaminidase-alpha/18316>