

Human Anti-N-Acetylgalactosaminidase Alpha Antibody (Anti-NAGa) ELISA Kit | NAGa elisa kit

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CATALOG # AAA189631	REACTIVITY Human
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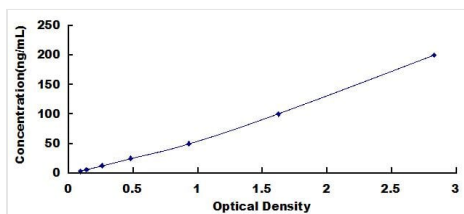
PRODUCT SYNONYMS

Anti-N-Acetylgalactosaminidase Alpha Antibody (Anti-NAGa); Human Anti-N-Acetylgalactosaminidase Alpha Antibody (Anti-NAGa) ELISA Kit; Alpha-N-Acetylgalactosaminidase; Alpha-galactosidase B; NAGa/N-Acetylgalactosaminidase Alpha; NAGa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-NAGa. No significant cross-reactivity or interference between Anti-NAGa and analogues was observed.
Samples	Human serum
Detection Range	3.12-200ng/mL
Sensitivity	< 1.24ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-NAGa were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-NAGa were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAGa elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with NAGa. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-NAGa will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Anti-NAGa in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-NAGa in human serum.
Product Categories/Family for NAGa elisa kit	Enzyme & Kinase

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	alpha-N-acetylgalactosaminidase
NCBI Official Symbol	NAGA
NCBI Official Synonym Symbols	GALB; D22S674
NCBI Protein Information	alpha-N-acetylgalactosaminidase
UniProt Protein Name	Alpha-N-acetylgalactosaminidase
UniProt Gene Name	NAGA

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/human-elisa-kits/anti-n-acetylgalactosaminidase-alpha-antibody-anti-naga/189631>