

Monkey Alpha-N-acetylgalactosaminidase (NAGA) ELISA Kit | NAGA elisa kit

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CATALOG #
AAA244384

REACTIVITY
Monkey

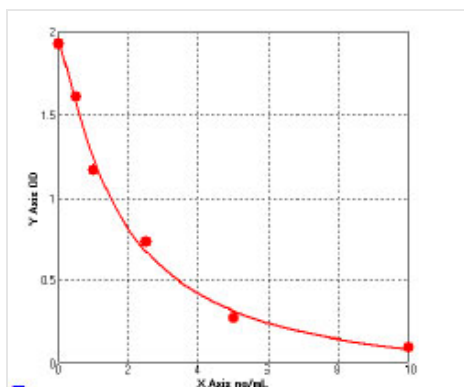
PRODUCT SYNONYMS

Alpha-N-acetylgalactosaminidase (NAGA); Monkey Alpha-N-acetylgalactosaminidase (NAGA) ELISA Kit; NAGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of NAGA. No significant cross-reactivity or interference between NAGA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between NAGA and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAGA elisa kit	Intended Uses: This NAGA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey NAGA. This ELISA kit for research use only! Principle of the Assay: NAGA ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-NAGA antibody and an NAGA-HRP conjugate. The assay sample and buffer are incubated together with NAGA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NAGA concentration since NAGA from samples and NAGA-HRP conjugate compete for the anti-NAGA antibody binding site. Since the number of sites is limited, as more sites are occupied by NAGA from the sample, fewer sites are left to bind NAGA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NAGA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for NAGA elisa kit	Tags

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557781
NCBI GeneID	4668
NCBI Accession #	NP_000253.1
NCBI GenBank Nucleotide #	NM_000262.2
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/monkey-elisa-kits/alpha-n-acetylgalactosaminidase-naga/244384>