

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

Mouse Alpha-N-acetylgalactosaminidase (NAGA) ELISA Kit

CATALOG #  
**AAA244513**

REACTIVITY  
**Mouse**

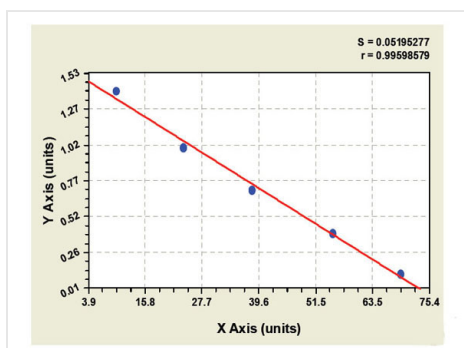
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                             |
| Assay Type              | Competitive                                                                                                                                                                            |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                             |
| Intended Uses           | This NAGA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse NAGA. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                    |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for NAGA elisa kit

**Principle of the assay:** NAGA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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                | <b>NAGA</b>                                                                                                       |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/alpha-n-acetylgalactosaminidase-naga/244513>