

Human NAGA ELISA Kit | NAGA elisa kit

Human NAGA ELISA Kit PicoKine

CATALOG # AAA128000	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

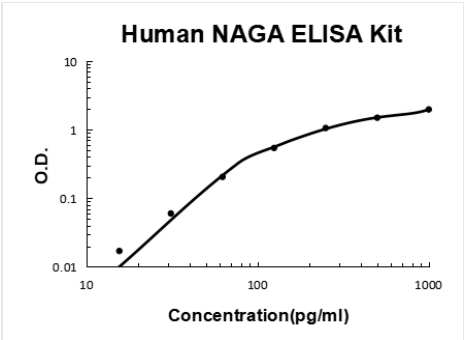
NAGA; Human NAGA ELISA Kit PicoKine; NAGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	15.6pg/ml-1,000pg/ml
Sensitivity	<8pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: CHO; Immunogen sequence: L18-Q411
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for NAGA elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)015.631.262.51252505001,000O.D.0.0350.0880.1190.2360.4540.7561.4362.041
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)23494242259327Standard deviation1.491.4116.030.583.3622.76CV(%)6.5%2.9%3.8%2.6%5.7%7.0%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 123202629251.044.2%Sample 249563353483.186.7%Sample 342427248328236528.757.9%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human NAGA PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for NAGA elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for NAGA elisa kit	PicoKine ELISA Kits

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.