

Human NAGLU ELISA Kit | NAGLU elisa kit

Human NAGLU (N-Acetyl Alpha-D-Glucosaminidase) ELISA Kit

CATALOG #
AAA164189

REACTIVITY
Human

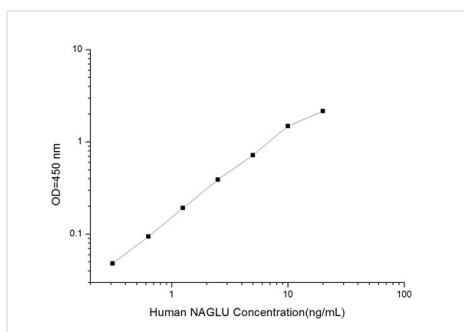
PRODUCT SYNONYMS

NAGLU; Human NAGLU (N-Acetyl Alpha-D-Glucosaminidase) ELISA Kit; NAGLU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human NAGLU in samples. No significant cross-reactivity or interference between Human NAGLU and analogues was observed.
Sequence Length	739
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human NAGLU were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human NAGLU were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAGLU elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human NAGLU. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human NAGLU and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human NAGLU, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human NAGLU. You can calculate the concentration of Human NAGLU in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human NAGLU concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2660688
NCBI GeneID	27419
Molecular Weight	82,610 Da
NCBI Official Full Name	Naglu
NCBI Official Synonym Full Names	alpha-N-acetylglucosaminidase (Sanfilippo disease IIIB)
NCBI Official Symbol	Naglu
NCBI Protein Information	alpha-N-acetylglucosaminidase; N-acetyl-glucosaminidase; alpha-N-acetylglucosaminidase, lysosomal
UniProt Protein Name	Naglu
UniProt Gene Name	Naglu
UniProt Entry Name	O54752_MOUSE

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.