

Mouse N-acetyl-beta-D-glucosaminidase, NAG ELISA Kit | NAG elisa kit

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CATALOG #
AAA15518

REACTIVITY
Mouse

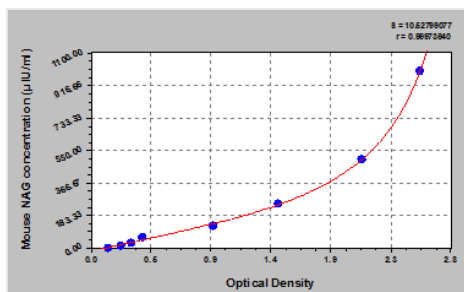
PRODUCT SYNONYMS

N-acetyl-beta-D-glucosaminidase; NAG; Mouse N-acetyl-beta-D-glucosaminidase; NAG ELISA Kit; ENC-1AS; N-acetyl-beta-glucosaminidase; hexosaminidase B; Beta-hexosaminidase subunit beta (HEXB) ; NAG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse NAG. No significant cross-reactivity or interference between mouse NAG and analogues was observed.
Sequence Length	536
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 uIU/ml-1000 uIU/ml
Sensitivity	< 3.9 uIU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAG elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NAG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NAG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NAG is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NAG bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754186
NCBI GeneID	15212
NCBI Accession #	NP_034552.1
NCBI GenBank Nucleotide #	NM_010422.2
UniProt Accession #	P20060
Molecular Weight	61,116 Da
NCBI Official Full Name	beta-hexosaminidase subunit beta
NCBI Official Synonym Full Names	hexosaminidase B
NCBI Official Symbol	Hexb
NCBI Protein Information	beta-hexosaminidase subunit beta; hexosaminidase subunit B; beta-N-acetylhexosaminidase subunit beta; N-acetyl-beta-glucosaminidase subunit beta
UniProt Protein Name	Beta-hexosaminidase subunit beta
UniProt Gene Name	Hexb
UniProt Synonym Gene Names	Hexosaminidase subunit B
UniProt Entry Name	HEXB_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.