

Mouse hexosaminidase A (alpha polypeptide) ELISA Kit | HEXA elisa kit

Mouse beta-hexosaminidase A, beta-Hex A ELISA Kit

CATALOG #
AAA79801

REACTIVITY
Mouse

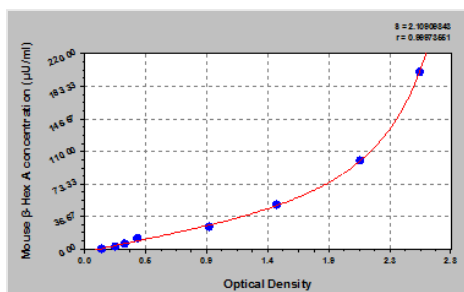
PRODUCT SYNONYMS

hexosaminidase A (alpha polypeptide); Mouse beta-hexosaminidase A; beta-Hex A ELISA Kit; MGC99608; TSD; N-acetyl-beta-glucosaminidase; beta-N-acetylhexosaminidase; hexosaminidase A; HEXA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse HEXA. No significant cross-reactivity or interference between Mouse HEXA and analogues was observed.
Sequence Length	528
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 uU/ml-200 uU/ml
Sensitivity	0.78 uU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 HEXA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for beta-Hex A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any beta-Hex A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for beta-Hex A 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 beta-Hex A 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 #	67514549
NCBI GeneID	15211
NCBI Accession #	NP_034551.2
NCBI GenBank Nucleotide #	NM_010421.4
UniProt Accession #	P29416; Q64246; Q91XG3
Molecular Weight	60,613 Da
NCBI Official Full Name	beta-hexosaminidase subunit alpha
NCBI Official Synonym Full Names	hexosaminidase A
NCBI Official Symbol	Hexa
NCBI Official Synonym Symbols	Hex-1
NCBI Protein Information	beta-hexosaminidase subunit alpha; hexosaminidase subunit A; beta-N-acetylhexosaminidase subunit alpha; N-acetyl-beta-glucosaminidase subunit alpha
UniProt Protein Name	Beta-hexosaminidase subunit alpha
UniProt Gene Name	Hexa
UniProt Synonym Gene Names	Hexosaminidase subunit A
UniProt Entry Name	HEXA_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.

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Online datasheet: <https://stage.aaabiotech.com/hexa-mouse-elisa-kits/hexosaminidase-a-alpha-polypeptide/79801>