

Mouse Hexosaminidase B Beta (HEXb) ELISA Kit | HEXb elisa kit

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CATALOG #
AAA65237

REACTIVITY
Mouse

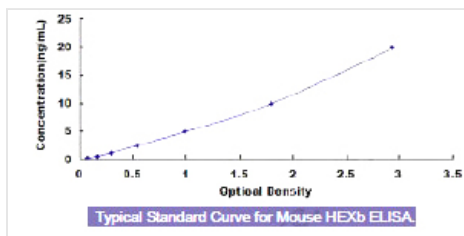
PRODUCT SYNONYMS

Hexosaminidase B Beta (HEXb); Mouse Hexosaminidase B Beta (HEXb) ELISA Kit; Hex-B; ENC-1AS; HCC-7; Beta-N-acetylhexosaminidase subunit beta; Cervical cancer proto-oncogene 7 protein; N-acetyl-beta-glucosaminidase subunit beta; HEXb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of HEXb. No significant cross-reactivity or interference between HEXb and analogues was observed.
Sequence Length	536
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.118ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HEXb were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HEXb were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HEXb elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HEXb in mouse serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HEXb. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HEXb. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HEXb, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of HEXb in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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
UniProt Protein Name	Beta-hexosaminidase subunit beta
UniProt Gene Name	Hexb
UniProt Synonym Gene Names	Hexosaminidase subunit B

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
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/hexosaminidase-b-beta-hexb/65237>