

Mouse Beta-hexosaminidase subunit beta (HEXB) ELISA Kit | HEXB elisa kit

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CATALOG #
AAA27244

REACTIVITY
Mouse

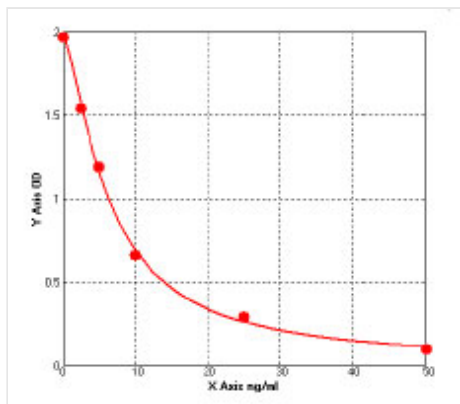
PRODUCT SYNONYMS

Beta-hexosaminidase subunit beta (HEXB); Mouse Beta-hexosaminidase subunit beta (HEXB) ELISA Kit; 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HEXB and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HEXB elisa kit	Principle of the Assay: HEXB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HEXB antibody and an HEXB-HRP conjugate. The assay sample and buffer are incubated together with HEXB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HEXB concentration since HEXB from samples and HEXB-HRP conjugate compete for the anti-HEXB antibody binding site. Since the number of sites is limited, as more sites are occupied by HEXB from the sample, fewer sites are left to bind HEXB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HEXB concentration in each sample is interpolated from this standard curve. Intended Uses: This HEXB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse HEXB. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504373
NCBI GeneID	3074
NCBI Accession #	NP_000512.1
NCBI GenBank Nucleotide #	NM_000521.3
Molecular Weight	63,111 Da
NCBI Official Full Name	beta-hexosaminidase subunit beta isoform 1 preproprotein
NCBI Official Synonym Full Names	hexosaminidase B (beta polypeptide)
NCBI Official Symbol	HEXB
NCBI Official Synonym Symbols	ENC-1AS; HEL-248
NCBI Protein Information	beta-hexosaminidase subunit beta; HCC-7; hexosaminidase subunit B; epididymis luminal protein 248; beta-N-acetylhexosaminidase subunit beta; cervical cancer proto-oncogene 7 protein; N-acetyl-beta-glucosaminidase subunit beta
UniProt Protein Name	Beta-hexosaminidase subunit beta
UniProt Gene Name	HEXB
UniProt Synonym Gene Names	HCC7; Hexosaminidase subunit B; HCC-7
UniProt Entry Name	HEXB_HUMAN

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/mouse-elisa-kits/beta-hexosaminidase-subunit-beta-hexb/27244>