

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

Human Beta-hexosaminidase subunit alpha, HEXA ELISA Kit

CATALOG #
AAA112680

REACTIVITY
Human

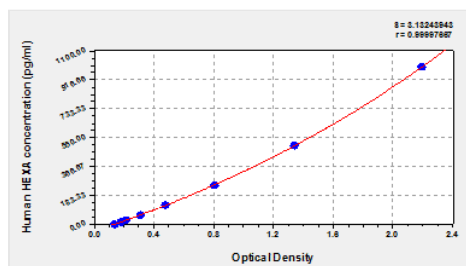
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HEXA. No significant cross-reactivity or interference between human HEXA and analogues was observed.
Sequence Length	529
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	15.6 pg/ml -1000 pg/ml.
Sensitivity	The minimum detectable dose of human HEXA is typically less than 3.9 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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	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 HEXA elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HEXA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HEXA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HEXA 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 HEXA 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 #	189181666
NCBI GeneID	3073
NCBI Accession #	NP_000511.2
NCBI GenBank Nucleotide #	NM_000520.4
UniProt Accession #	P06865; Q53HS8; Q6AI32
Molecular Weight	60,703 Da
NCBI Official Full Name	beta-hexosaminidase subunit alpha preproprotein
NCBI Official Synonym Full Names	hexosaminidase A (alpha polypeptide)
NCBI Official Symbol	HEXA
NCBI Official Synonym Symbols	TSD
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_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/hexa-human-elisa-kits/hexosaminidase-a-alpha-polypeptide/112680>