

Human beta hexosaminidase A ELISA Kit | beta Hex A elisa kit

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CATALOG #
AAA17133

REACTIVITY
Human

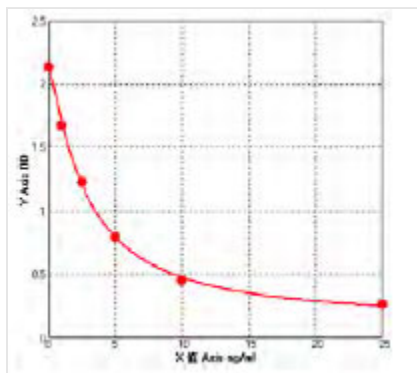
PRODUCT SYNONYMS

beta hexosaminidase A; Human beta hexosaminidase A ELISA Kit; Human b hexosaminidase A ELISA Kit; beta Hex A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of betaHEXA. No significant cross-reactivity or interference between betaHEXA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between betaHEXA and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 beta Hex A elisa kit	Intended Uses: This betaHEXA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human betaHEXA. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: betaHEXA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-betaHEXA antibody and an betaHEXA-HRP conjugate. The assay sample and buffer are incubated together with betaHEXA-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 betaHEXA concentration since betaHEXA from samples and betaHEXA-HRP conjugate compete for the anti-betaHEXA antibody binding site. Since the number of sites is limited, as more sites are occupied by betaHEXA from the sample, fewer sites are left to bind betaHEXA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The betaHEXA concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	495859271
NCBI Official Full Name	beta-hexosaminidase

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/beta-hex-a-human-elisa-kits/beta-hexosaminidase-a/17133>