

Canine beta-hexosaminidase A ELISA Kit | beta-Hex A elisa kit

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CATALOG #
AAA95451

REACTIVITY
Canine

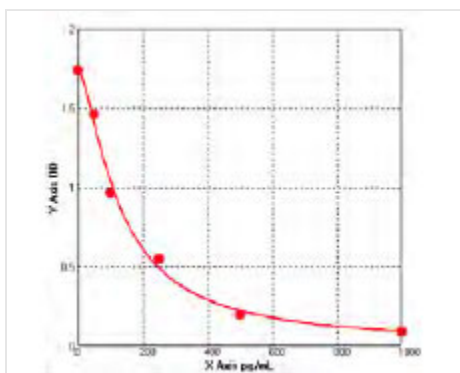
PRODUCT SYNONYMS

beta-hexosaminidase A; Canine beta-hexosaminidase A ELISA Kit; Canine b-hexosaminidase A ELISA Kit; beta-Hex A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/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 Beta-Hex A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine Beta-Hex A. This ELISA kit for research use only!

Principle of the Assay: Beta-Hex A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-Beta-Hex A antibody and an Beta-Hex A-HRP conjugate. The assay sample and buffer are incubated together with Beta-Hex A-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 Beta-Hex A concentration since Beta-Hex A from samples and Beta-Hex A-HRP conjugate compete for the anti-Beta-Hex A antibody binding site. Since the number of sites is limited, as more sites are occupied by Beta-Hex A from the sample, fewer sites are left to bind Beta-Hex A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Beta-Hex A concentration in each sample is interpolated from this standard curve.

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.

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Online datasheet: <https://stage.aaabiotech.com/beta-hex-a-canine-elisa-kits/beta-hexosaminidase-a/95451>