

Mouse beta-Hydroxybutyric Acid ELISA Kit | beta-OHB elisa kit

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CATALOG #
AAA83262

REACTIVITY
Mouse

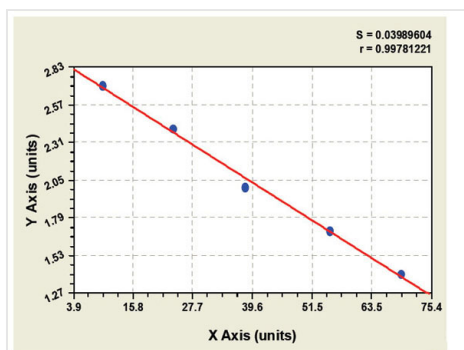
PRODUCT SYNONYMS

beta-Hydroxybutyric Acid; Mouse beta-Hydroxybutyric Acid ELISA Kit; b-Hydroxybutyric Acid; beta-Hydroxybutyric Acid (Mouse); beta-OHB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0umol/L.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta-OHB elisa kit

Intended Uses: This betaHA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse betaHA. This ELISA kit for research use only!

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

Product Categories/Family for beta-OHB elisa kit

[Mouse ELISA Kit](#)

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-ohb-mouse-elisa-kits/beta-hydroxybutyric-acid/83262>