

Human Beta-Hydroxybutyric Acid, beta-OHB ELISA Kit | beta-OHB elisa kit

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CATALOG #
AAA41298

REACTIVITY
Human

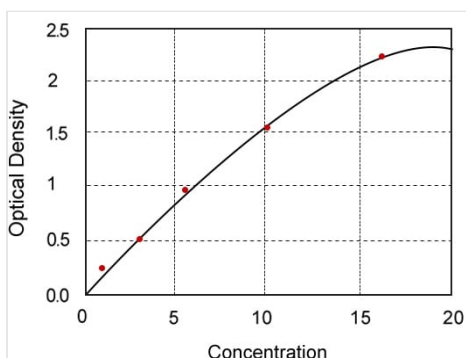
PRODUCT SYNONYMS

Beta-Hydroxybutyric Acid; beta-OHB; Human Beta-Hydroxybutyric Acid; beta-OHB ELISA Kit; beta-OHB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10nmol/ml - 4000nmol/ml
Sensitivity	5.58nmol/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for beta-OHB elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Beta-Hydroxybutyric Acid (also known as β -OHB) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human β -OHB antibody. β -OHB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human β -OHB Antibody is added and binds to β -OHB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated β -OHB antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human β -OHB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/human-elisa-kits/beta-hydroxybutyric-acid-beta-ohb/41298>