

Human beta-hydroxybutyric acid (BHBA) ELISA Kit | BHBA elisa kit

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CATALOG #
AAA44123

REACTIVITY
Human

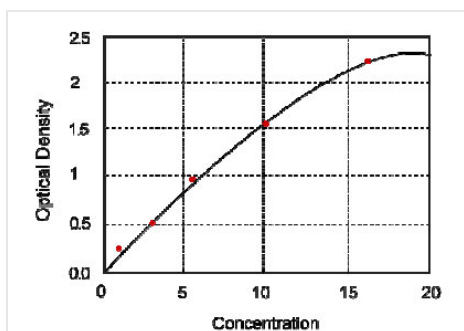
PRODUCT SYNONYMS

beta-hydroxybutyric acid (BHBA); Human beta-hydroxybutyric acid (BHBA) ELISA Kit; BHBA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1071
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	5-1000nmol/ml
Sensitivity	2.44nmol/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 BHBA elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human beta-hydroxybutyric acid (also known as BHBA) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human BHBA antibody. BHBA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human BHBA Antibody is added and binds to BHBA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BHBA 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 BHBA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	478895892
Molecular Weight	117,936 Da
NCBI Official Full Name	BhbA (plasmid)
UniProt Protein Name	BhbA
UniProt Gene Name	bhbA

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-bhba/44123>