

Human BDH2 (3-hydroxybutyrate dehydrogenase type 2) ELISA Kit | BDH2 elisa kit

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CATALOG #
AAA250930

REACTIVITY
Human

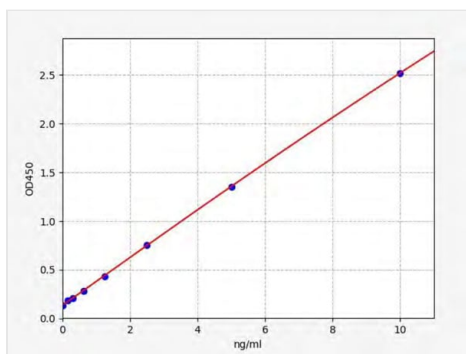
PRODUCT SYNONYMS

BDH2 (3-hydroxybutyrate dehydrogenase type 2); Human BDH2 (3-hydroxybutyrate dehydrogenase type 2) ELISA Kit; BDH2; 3-hydroxybutyrate dehydrogenase type 2; BDH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize BDH2, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BDH2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti BDH2 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti BDH2 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with BDH2 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of BDH2 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66933014
NCBI GeneID	56898
NCBI Accession #	NP_064524.3
NCBI GenBank Nucleotide #	NM_020139.3
UniProt Accession #	Q9BUT1; Q503A0; Q6IA46; Q6UWD3; Q9H8S8; Q9NRX8; A8K295; B4DUF6
Molecular Weight	15,626 Da
NCBI Official Full Name	3-hydroxybutyrate dehydrogenase type 2
NCBI Official Synonym Full Names	3-hydroxybutyrate dehydrogenase, type 2
NCBI Official Symbol	BDH2
NCBI Official Synonym Symbols	DHRS6; EFA6R; SDR15C1; UCPA-OR; UNQ6308; PRO20933
NCBI Protein Information	3-hydroxybutyrate dehydrogenase type 2; R-beta-hydroxybutyrate dehydrogenase; dehydrogenase/reductase (SDR family) member 6; dehydrogenase/reductase SDR family member 6; oxidoreductase UCPA; short chain dehydrogenase/reductase family 15C member 1; short c
UniProt Protein Name	3-hydroxybutyrate dehydrogenase type 2
UniProt Gene Name	BDH2
UniProt Synonym Gene Names	DHRS6; SDR15C1
UniProt Entry Name	BDH2_HUMAN

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/bdh2-3-hydroxybutyrate-dehydrogenase-type-2/250930>