

Human 3-hydroxyacyl-CoA dehydrogenase type-2 ELISA Kit | HSD17B10 elisa kit

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CATALOG #
AAA100961

REACTIVITY
Human

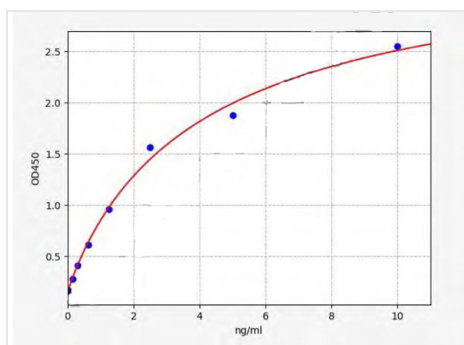
PRODUCT SYNONYMS

3-hydroxyacyl-CoA dehydrogenase type-2; Human 3-hydroxyacyl-CoA dehydrogenase type-2 ELISA Kit; HSD17B10/17-beta-hydroxysteroid dehydrogenase 10/17-beta-HSD 10/3-hydroxy-2-methylbutyryl-CoA dehydrogenase/3-hydroxyacyl-CoA dehydrogenase type; HSD17B10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HSD17B10. No significant cross-reactivity or interference between HSD17B10 and analogues was observed.
Sequence Length	261
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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 HSD17B10 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13994225
NCBI GeneID	63864
NCBI Accession #	NP_113870.1
NCBI GenBank Nucleotide #	NM_031682.1
Molecular Weight	27,246 Da
NCBI Official Full Name	3-hydroxyacyl-CoA dehydrogenase type-2
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 10
NCBI Official Symbol	Hsd17b10
NCBI Official Synonym Symbols	Hadh2
NCBI Protein Information	3-hydroxyacyl-CoA dehydrogenase type-2
UniProt Protein Name	3-hydroxyacyl-CoA dehydrogenase type-2
UniProt Gene Name	Hsd17b10
UniProt Synonym Gene Names	Erab; Hadh2; 17-beta-HSD 10; Mitochondrial RNase P protein 2
UniProt Entry Name	HCD2_RAT

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/hsd17b10-human-elisa-kits/3-hydroxyacyl-coa-dehydrogenase-type-2/100961>