

Human hydroxysteroid (17-beta) dehydrogenase 10 ELISA Kit | HSD17B10 elisa kit

Human 3-hydroxyacyl-CoA dehydrogenase type-2, HSD17B10 ELISA Kit

CATALOG #
AAA113096

REACTIVITY
Human

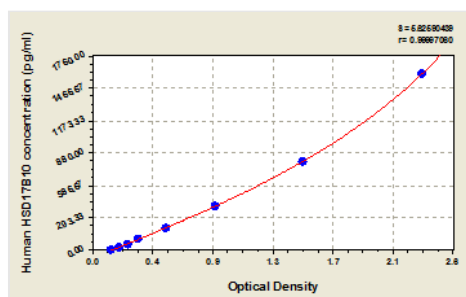
PRODUCT SYNONYMS

hydroxysteroid (17-beta) dehydrogenase 10; Human 3-hydroxyacyl-CoA dehydrogenase type-2; HSD17B10 ELISA Kit; Human 3-hydroxyacyl-CoA dehydrogenase type-2 (HSD17B10) ELISA kit; RP3-339A18.2; 17b-HSD10; ABAD; CAMR; DUPXp11.22; ERAB; HADH2; HCD2; MHBD; MRPP2; MRX17; MRX31; MRXS10; SCHAD; SDR5C1; 17-beta-hydroxysteroid dehydrogenase type 10; 3-hydroxy-2-methylbutyryl-CoA dehyd; HSD17B10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HSD17B10. No significant cross-reactivity or interference between human HSD17B10 and analogues was observed.
Sequence Length	252
Samples	Serum, plasma, tissue homogenates, cell lysates.
Assay Type	Sandwich
Detection Range	25 pg/ml-1600 pg/ml.
Sensitivity	6.25 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSD17B10 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HSD17B10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HSD17B10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HSD17B10 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HSD17B10 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83715985
NCBI GeneID	3028
NCBI Accession #	NP_001032900.1
NCBI GenBank Nucleotide #	NM_001037811.2
UniProt Accession #	Q99714; Q5H927; Q6IBS9; Q8TCV9; Q96HD5
Molecular Weight	26,923 Da
NCBI Official Full Name	3-hydroxyacyl-CoA dehydrogenase type-2 isoform 2
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 10
NCBI Official Symbol	HSD17B10
NCBI Official Synonym Symbols	ABAD; CAMR; ERAB; HCD2; MHBD; HADH2; MRPP2; MRX17; MRX31; SCHAD; MRXS10; SDR5C1; 17b-HSD10; DUPXp11.22
NCBI Protein Information	3-hydroxyacyl-CoA dehydrogenase type-2; mitochondrial RNase P subunit 2; AB-binding alcohol dehydrogenase; mitochondrial ribonuclease P protein 2; 3-hydroxy-2-methylbutyryl-CoA dehydrogenase; short chain type dehydrogenase/reductase XH98G2; amyloid-beta peptide binding alcohol dehydrogenase; short chain L-3-hydroxyacyl-CoA dehydrogenase type 2; short chain dehydrogenase/reductase family 5C, member 1; endoplasmic reticulum-associated amyloid beta-peptide-binding protein
UniProt Protein Name	3-hydroxyacyl-CoA dehydrogenase type-2
UniProt Gene Name	HSD17B10
UniProt Synonym Gene Names	ERAB; HADH2; MRPP2; SCHAD; XH98G2; 17-beta-HSD 10; Mitochondrial RNase P protein 2
UniProt Entry Name	HCD2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hsd17b10-human-elisa-kits/hydroxysteroid-17-beta-dehydrogenase-10/113096>