

Mouse 17-Beta-Hydroxysteroid Dehydrogenase Type 10 (HSD17b10) ELISA Kit | HSD17b10 elisa kit

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CATALOG # AAA64131	REACTIVITY Mouse
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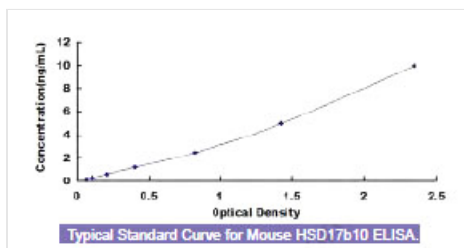
PRODUCT SYNONYMS

17-Beta-Hydroxysteroid Dehydrogenase Type 10 (HSD17b10); Mouse 17-Beta-Hydroxysteroid Dehydrogenase Type 10 (HSD17b10) ELISA Kit; 17b-HSD10; ABAD; ERAB; HADH2; HCD2; MHBD; SCHAD; SDR5C1; MRPP2; CAMR; 3-Hydroxyacyl-CoA Dehydrogenase Type-2; AB-Binding Alcohol Dehydrogenase; HSD17b10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HSD17b10 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HSD17b10 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSD17b10 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HSD17b10 in mouse tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSD17b10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSD17b10. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HSD17b10, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of HSD17b10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61888838
NCBI GeneID	15108
NCBI Accession #	NP_058043.3
NCBI GenBank Nucleotide #	NM_016763.2
UniProt Accession #	Q99N15; O08756
Molecular Weight	27,274 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	Ads9; ERAB; Hadh2; 17bHSD10
NCBI Protein Information	3-hydroxyacyl-CoA dehydrogenase type-2
UniProt Protein Name	17beta-hydroxysteroid dehydrogenase type 10/short chain L-3-hydroxyacyl-CoA dehydrogenase
UniProt Gene Name	Hsd17b10

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/mouse-elisa-kits/17-beta-hydroxysteroid-dehydrogenase-type-10-hsd17b10/64131>