

Mouse 17-beta-hydroxysteroid dehydrogenase 13 ELISA Kit | Hsd17b13 elisa kit

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CATALOG #
AAA101911

REACTIVITY
Mouse

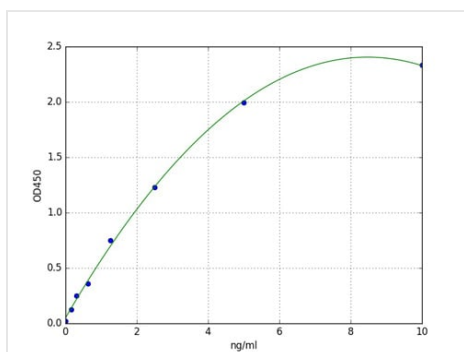
PRODUCT SYNONYMS

17-beta-hydroxysteroid dehydrogenase 13; Mouse 17-beta-hydroxysteroid dehydrogenase 13 ELISA Kit; Hsd17b13/Alcohol dehydrogenase PAN1B-like/Short-chain dehydrogenase/reductase 9; Hsd17b13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	300
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Hsd17b13 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.102	0.137	0.177	0.393	0.553	0.945	1.427	2.117

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hsd17b13 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Hsd17b13 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Hsd17b13 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse Hsd17b13 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Hsd17b13 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	210032110
NCBI GeneID	345275
NCBI Accession #	NP_835236.2
NCBI GenBank Nucleotide #	NM_178135.4
Molecular Weight	29,605 Da
NCBI Official Full Name	17-beta-hydroxysteroid dehydrogenase 13 isoform A
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 13
NCBI Official Symbol	HSD17B13
NCBI Official Synonym Symbols	SCDR9; NIIL497; SDR16C3; HMFN0376
NCBI Protein Information	17-beta-hydroxysteroid dehydrogenase 13
UniProt Protein Name	17-beta-hydroxysteroid dehydrogenase 13
UniProt Gene Name	HSD17B13
UniProt Synonym Gene Names	SCDR9; SDR16C3; 17-beta-HSD 13
UniProt Entry Name	DHB13_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/hsd17b13-mouse-elisa-kits/17-beta-hydroxysteroid-dehydrogenase-13/101911>