

Mouse 17-beta-hydroxysteroid dehydrogenase 13 (HSD17B13) ELISA Kit | HSD17B13 elisa kit

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CATALOG # AAA27358	REACTIVITY Mouse
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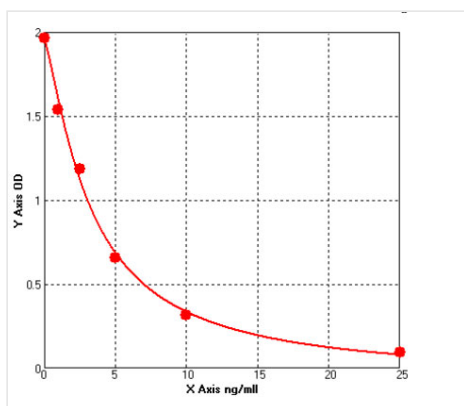
PRODUCT SYNONYMS

17-beta-hydroxysteroid dehydrogenase 13 (HSD17B13); Mouse 17-beta-hydroxysteroid dehydrogenase 13 (HSD17B13) ELISA Kit; HSD17B13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of HSD17B13. No significant cross-reactivity or interference between HSD17B13 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HSD17B13 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSD17B13 elisa kit	Principle of the Assay: HSD17B13 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HSD17B13 antibody and an HSD17B13-HRP conjugate. The assay sample and buffer are incubated together with HSD17B13-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HSD17B13 concentration since HSD17B13 from samples and HSD17B13-HRP conjugate compete for the anti-HSD17B13 antibody binding site. Since the number of sites is limited, as more sites are occupied by HSD17B13 from the sample, fewer sites are left to bind HSD17B13-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSD17B13 concentration in each sample is interpolated from this standard curve. Intended Uses: This HSD17B13 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse HSD17B13. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for HSD17B13 elisa kit	Signal Transduction

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; 17-beta-HSD 13; 17-beta hydroxysteroid dehydrogenase; short-chain dehydrogenase/reductase 9; short chain dehydrogenase/reductase family 16C, member 3
UniProt Protein Name	17-beta-hydroxysteroid dehydrogenase 13
UniProt Gene Name	HSD17B13
UniProt Synonym Gene Names	SCDR9; HMFN0376; UNQ497/PRO1014; 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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/17-beta-hydroxysteroid-dehydrogenase-13-hsd17b13/27358>