

Rat 17-beta-hydroxysteroid dehydrogenase 13, HSD17B13 ELISA Kit | HSD17B13 elisa kit

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CATALOG #
AAA123308

REACTIVITY
Rat

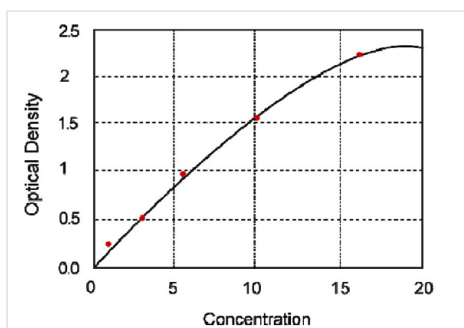
PRODUCT SYNONYMS

17-beta-hydroxysteroid dehydrogenase 13; HSD17B13; Rat 17-beta-hydroxysteroid dehydrogenase 13; HSD17B13 ELISA Kit; HSD17B13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	264
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/mL
Sensitivity	0.019ng/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSD17B13 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat HSD17B13 antibody. HSD17B13 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat HSD17B13 Antibody is added and binds to HSD17B13 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HSD17B13 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat HSD17B13. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat 17-beta-hydroxysteroid dehydrogenase 13 (also known as HSD17B13) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	210032112
NCBI GeneID	345275
NCBI GenBank Nucleotide #	NP_001129702.1
UniProt Accession #	Q7Z5P4
NCBI Official Full Name	17-beta-hydroxysteroid dehydrogenase 13 isoform B
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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/17-beta-hydroxysteroid-dehydrogenase-13-hsd17b13/123308>