

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

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CATALOG #
AAA247076

REACTIVITY
Human

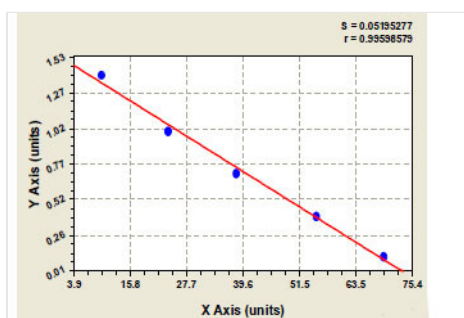
PRODUCT SYNONYMS

17 beta hydroxysteroid dehydrogenase 13 (HSD17B13); Human 17 beta hydroxysteroid dehydrogenase 13 (HSD17B13) ELISA Kit; Human 17 b hydroxysteroid dehydrogenase 13 (HSD17B13) ELISA Kit; HSD17B13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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

Intended Uses: This HSD11beta2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HSD11beta2. This ELISA kit for research use only!

Principle of the Assay: HSD11beta2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HSD11beta2 antibody and an HSD11beta2-HRP conjugate. The assay sample and buffer are incubated together with HSD11beta2-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 HSD11beta2 concentration since HSD11beta2 from samples and HSD11beta2-HRP conjugate compete for the anti-HSD11beta2 antibody binding site. Since the number of sites is limited, as more sites are occupied by HSD11beta2 from the sample, fewer sites are left to bind HSD11beta2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSD11beta2 concentration in each sample is interpolated from this standard curve.

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/human-elisa-kits/17-beta-hydroxysteroid-dehydrogenase-13-hsd17b13/247076>