

Human HSD3B2 (3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2) ELISA Kit | HSD3B2 elisa kit

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CATALOG #
AAA249738

REACTIVITY
Human

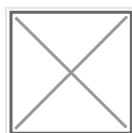
PRODUCT SYNONYMS

HSD3B2 (3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2); Human HSD3B2 (3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2) ELISA Kit; HSD3B2; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2; 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type II; 3-beta-HSD II; 3-beta-HSD adrenal and gonadal type; 3-beta-hydroxy-Delta(5)-steroid dehydrogenase; 3-beta-hydroxy-5-ene steroid dehydrogenase; Progesterone reductase; Steroid Delta-isomerase; Delta-5-3-ketosteroid isomerase; HSDB3B; HSD3B2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HSD3B2. No significant cross-reactivity or interference between HSD3B2 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for HSD3B2 elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	124297709
NCBI GeneID	3284
UniProt Accession #	P26439; Q16010; Q53GD4; Q6AI10; Q6LDB9; Q99890; Q9UD08; A2RRA5
Molecular Weight	24,987 Da
NCBI Official Full Name	HSD3B2 protein
NCBI Official Synonym Full Names	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2
NCBI Official Symbol	HSD3B2
NCBI Official Synonym Symbols	HSDB; HSD3B; SDR11E2
NCBI Protein Information	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2
UniProt Protein Name	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 2
UniProt Gene Name	HSD3B2
UniProt Synonym Gene Names	HSDB3B; 3-beta-HSD II
UniProt Entry Name	3BHS2_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/hsd3b2-3-beta-hydroxysteroid-dehydrogenase-delta-5-4-isomerase-type-2/249738>