

Human Corticosteroid 11-beta-dehydrogenase isozyme 1 ELISA Kit | HSD11B1 elisa kit

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CATALOG #
AAA98122

REACTIVITY
Human

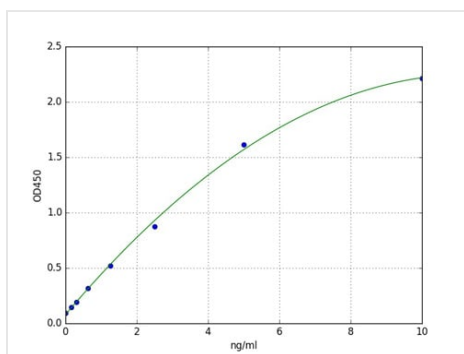
PRODUCT SYNONYMS

Corticosteroid 11-beta-dehydrogenase isozyme 1; Human Corticosteroid 11-beta-dehydrogenase isozyme 1 ELISA Kit; HSD11B1/11-beta-hydroxysteroid dehydrogenase 1/11-DH/11-beta-HSD1/HSD11/11-beta-HSD1/HDL/HSD11B/HSD11L/11-DH; HSD11B1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	292
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 Human HSD11B1 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	0.059	0.115	0.161	0.298	0.424	0.917	1.441	2.464

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSD11B1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human HSD11B1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human HSD11B1 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 Human HSD11B1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human HSD11B1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32455239
NCBI GeneID	3290
NCBI Accession #	NP_861420.1
NCBI GenBank Nucleotide #	NM_181755.2
Molecular Weight	32,401 Da
NCBI Official Full Name	corticosteroid 11-beta-dehydrogenase isozyme 1
NCBI Official Synonym Full Names	hydroxysteroid (11-beta) dehydrogenase 1
NCBI Official Symbol	HSD11B1
NCBI Official Synonym Symbols	HDL; 11-DH; HSD11; HSD11B; HSD11L; CORTRD2; SDR26C1; 11-beta-HSD1
NCBI Protein Information	corticosteroid 11-beta-dehydrogenase isozyme 1
UniProt Protein Name	Corticosteroid 11-beta-dehydrogenase isozyme 1
UniProt Gene Name	HSD11B1
UniProt Synonym Gene Names	HSD11; HSD11L; SDR26C1; 11-DH; 11-beta-HSD1
UniProt Entry Name	DHI1_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/hsd11b1-human-elisa-kits/corticosteroid-11-beta-dehydrogenase-isozyme-1/98122>