

Rat 11-Beta-Hydroxysteroid Dehydrogenase Type 1 (HSD11b1) RTU ELISA Kit | HSD11b1 rtu elisa kit

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CATALOG #
AAA71222

REACTIVITY
Rat

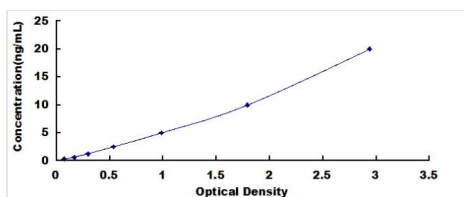
PRODUCT SYNONYMS

11-Beta-Hydroxysteroid Dehydrogenase Type 1 (HSD11b1); Rat 11-Beta-Hydroxysteroid Dehydrogenase Type 1 (HSD11b1) ELISA Kit; 11DH; 11-beta-HSD1; HDL; HSD11; HSD11B; HSD11L; SDR26C1; Corticosteroid 11-beta-dehydrogenase isozyme 1; Short Chain Dehydrogenase/Reductase Family 26C; Member 1; HSD11b1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	288
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.123ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSD11b1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSD11b1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSD11b1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HSD11b1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of HSD11b1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	78214365
NCBI GeneID	25116
NCBI Accession #	NP_058776.2
NCBI GenBank Nucleotide #	NM_017080.2
UniProt Accession #	P16232; O09170; Q6LDH6
Molecular Weight	28,732 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	LRRGT00065
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; 11-DH; 11-beta-HSD1

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-rtu-elisa-kits/11-beta-hydroxysteroid-dehydrogenase-type-1-hsd11b1/71222>