

Human 11-Beta-Hydroxysteroid Dehydrogenase Type 2 (HSD11b2) RTU ELISA Kit | HSD11b2 rtu elisa kit

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CATALOG #
AAA71223

REACTIVITY
Human

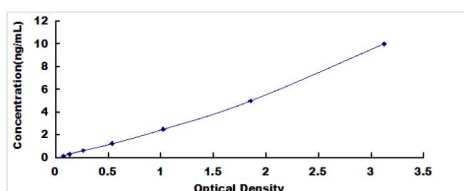
PRODUCT SYNONYMS

11-Beta-Hydroxysteroid Dehydrogenase Type 2 (HSD11b2); Human 11-Beta-Hydroxysteroid Dehydrogenase Type 2 (HSD11b2) ELISA Kit; AME; AME1; HSD11K; HSD2; SDR9C3; Short Chain Dehydrogenase/Reductase Family 9C; Member 3; NAD-dependent 11-beta-hydroxysteroid dehydrogenase; HSD11b2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	405
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/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 HSD11b2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HSD11b2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HSD11b2. 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 HSD11b2, 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 HSD11b2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119392083
NCBI GeneID	3291
NCBI Accession #	NP_000187.3
NCBI GenBank Nucleotide #	NM_000196.3
UniProt Accession #	P80365; Q13194; Q6P2G9; Q8N439; Q96QN8; Q9UC50; Q9UC51; Q9UCW5; Q9UCW6; Q9UCW7; A7LB28; C5HTY7
Molecular Weight	44,127 Da
NCBI Official Full Name	corticosteroid 11-beta-dehydrogenase isozyme 2
NCBI Official Synonym Full Names	hydroxysteroid 11-beta dehydrogenase 2
NCBI Official Symbol	HSD11B2
NCBI Official Synonym Symbols	AME; AME1; HSD2; HSD11K; SDR9C3
NCBI Protein Information	corticosteroid 11-beta-dehydrogenase isozyme 2
UniProt Protein Name	Corticosteroid 11-beta-dehydrogenase isozyme 2
UniProt Gene Name	HSD11B2
UniProt Synonym Gene Names	; 11-DH2; 11-beta-HSD2; 11-HSD type II; 11-beta-HSD type II; 11-beta-HSD

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-rtu-elisa-kits/11-beta-hydroxysteroid-dehydrogenase-type-2-hsd11b2/71223>