

Human Corticosteroid 11 beta dehydrogenase isozyme 2 (HSD11B2) ELISA Kit | HSD11B2 elisa kit

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CATALOG # AAA27267	REACTIVITY Human
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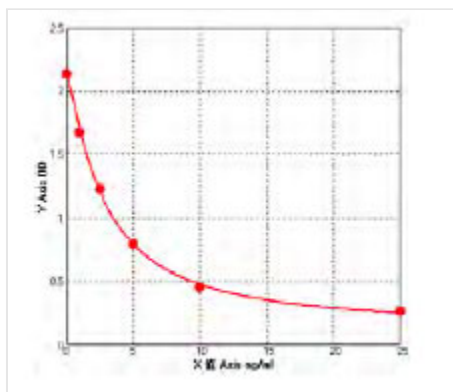
PRODUCT SYNONYMS

Corticosteroid 11 beta dehydrogenase isozyme 2 (HSD11B2); Human Corticosteroid 11 beta dehydrogenase isozyme 2 (HSD11B2) ELISA Kit; Human Corticosteroid 11 b dehydrogenase isozyme 2 (HSD11B2) ELISA Kit; HSD11B2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSD11B2 elisa kit	Intended Uses: This hs-cTnI ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep hs-cTnI. This ELISA kit for research use only! Principle of the Assay: hs-cTnI ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-hs-cTnI antibody and an hs-cTnI-HRP conjugate. The assay sample and buffer are incubated together with hs-cTnI-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 hs-cTnI concentration since hs-cTnI from samples and hs-cTnI-HRP conjugate compete for the anti-hs-cTnI antibody binding site. Since the number of sites is limited, as more sites are occupied by hs-cTnI from the sample, fewer sites are left to bind hs-cTnI-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The hs-cTnI concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119392083
NCBI GeneID	3291
NCBI Accession #	NP_000187.3
NCBI GenBank Nucleotide #	NM_000196.3
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; 11-DH2; 11-beta-HSD2; -HSD11 type II; 11-beta-hydroxysteroid dehydrogenase type 2; 11-beta-hydroxysteroid dehydrogenase type II; NAD-dependent 11-beta-hydroxysteroid dehydrogenase; short chain dehydrogenase/reductase family 9C member 3
UniProt Protein Name	Corticosteroid 11-beta-dehydrogenase isozyme 2
UniProt Gene Name	HSD11B2
UniProt Synonym Gene Names	HSD11K; 11-DH2; 11-beta-HSD2; -HSD11 type II; 11-beta-HSD
UniProt Entry Name	DHI2_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/corticosteroid-11-beta-dehydrogenase-isozyme-2-hsd11b2/27267>