

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

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CATALOG #
AAA249930

REACTIVITY
Bovine

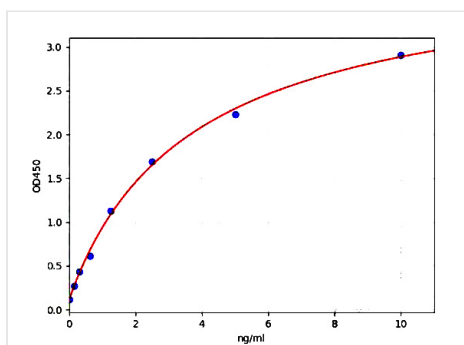
PRODUCT SYNONYMS

HSD11B2 (Corticosteroid 11-beta-dehydrogenase isozyme 2); Bovine HSD11B2 (Corticosteroid 11-beta-dehydrogenase isozyme 2) ELISA Kit; Corticosteroid 11-beta-dehydrogenase isozyme 2; 11-beta-hydroxysteroid dehydrogenase type 2; 11-DH2; 11-beta-HSD2; NAD-dependent 11-beta-hydroxysteroid dehydrogenase; HSD11B2; HSD11B2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of HSD11B2. No significant crossreactivity or interference between HSD11B2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 HSD11B2 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27807157
NCBI GeneID	282434
NCBI Accession #	NP_777067.1
NCBI GenBank Nucleotide #	NM_174642.2
UniProt Accession #	O77667
Molecular Weight	43,987 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 Protein Information	corticosteroid 11-beta-dehydrogenase isozyme 2; 11-DH2; 11-beta-HSD2; 11-beta-hydroxysteroid dehydrogenase type 2; NAD-dependent 11-beta-hydroxysteroid dehydrogenase
UniProt Protein Name	Corticosteroid 11-beta-dehydrogenase isozyme 2
UniProt Gene Name	HSD11B2
UniProt Synonym Gene Names	11-DH2; 11-beta-HSD2
UniProt Entry Name	DHI2_BOVIN

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/bovine-ovine-elisa-kits/hsd11b2-corticosteroid-11-beta-dehydrogenase-isozyme-2/249930>