

Mouse Steroid 21-hydroxylase ELISA Kit | Cyp21 elisa kit

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CATALOG #
AAA56413

REACTIVITY
Mouse

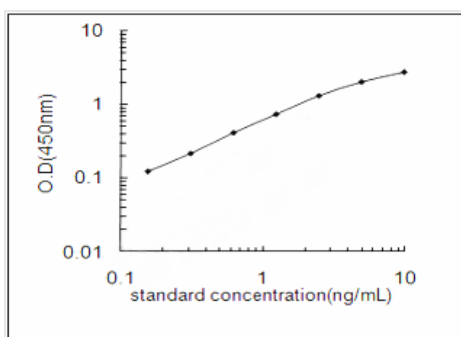
PRODUCT SYNONYMS

Steroid 21-hydroxylase; Mouse Steroid 21-hydroxylase ELISA Kit; Cyp21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouseSteroid 21-hydroxylase. No significant cross-reactivity or interference was observed.
Sequence Length	465
Samples	Serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15ng/ml -10.0ng/ml.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cyp21 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination ofmouseSteroid 21-hydroxylaseconcentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Steroid 21-hydroxylase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forSteroid 21-hydroxylase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Steroid 21-hydroxylase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Steroid 21-hydroxylase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	160948604
NCBI GeneID	13079
NCBI Accession #	NP_034125.2
NCBI GenBank Nucleotide #	NM_009995.2
UniProt Accession #	P03940; O88304; Q64510; Q9QX14; A0JP50
Molecular Weight	55,328 Da
NCBI Official Full Name	steroid 21-hydroxylase
NCBI Official Synonym Full Names	cytochrome P450, family 21, subfamily a, polypeptide 1
NCBI Official Symbol	Cyp21a1
NCBI Official Synonym Symbols	21OH; 21-OH; 21OHA; 21OHB; Cyp21; Cyp21B; Oh21-1; Oh21-2; CYP21OH-A; Cyp21-ps1; Cyp21a2ps; Cyp21a2-ps
NCBI Protein Information	steroid 21-hydroxylase
UniProt Protein Name	Steroid 21-hydroxylase
UniProt Gene Name	Cyp21
UniProt Synonym Gene Names	Cyp21a-1; Cyp21a1
UniProt Entry Name	CP21A_MOUSE

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/cyp21-mouse-elisa-kits/steroid-21-hydroxylase/56413>