

Rat Aldosterone Synthase (ALDOS) RTU ELISA Kit | ALDOS rtu elisa kit

Rat Aldosterone Synthase (ALDOS) ELISA Kit

CATALOG #
AAA69016

REACTIVITY
Rat

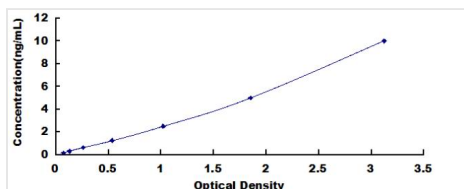
PRODUCT SYNONYMS

Aldosterone Synthase (ALDOS); Rat Aldosterone Synthase (ALDOS) ELISA Kit; CPN2; CYP11B; CYP11BL; CYP11B2; P450C18; P450aldo; Steroid 18-hydroxylase; Aldosterone-synthesizing enzyme; Cytochrome P450 Family 11 Subfamily B Polypeptide 2; ALDOS rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	510
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/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 ALDOS rtu elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	231898
NCBI GeneID	24294
UniProt Accession #	P30099; Q64540; P30100
Molecular Weight	58,241 Da
NCBI Official Full Name	Cytochrome P450 11B2, mitochondrial
NCBI Official Synonym Full Names	cytochrome P450, family 11, subfamily b, polypeptide 2
NCBI Official Symbol	Cyp11b2
NCBI Official Synonym Symbols	Cp45as; Cyp11b3; RNCP45AS
NCBI Protein Information	cytochrome P450 11B2, mitochondrial
UniProt Protein Name	Cytochrome P450 11B2, mitochondrial
UniProt Gene Name	Cyp11b2
UniProt Synonym Gene Names	Cyp11b-2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-rtu-elisa-kits/aldosterone-synthase-aldos/69016>