

Mouse Corticosterone (CORT) ELISA Kit | CORT elisa kit

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CATALOG #
AAA54026

REACTIVITY
Mouse

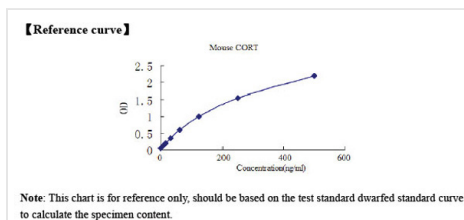
PRODUCT SYNONYMS

Corticosterone (CORT); Mouse Corticosterone (CORT) ELISA Kit; CORT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	503
Samples	Mouse serum, plasma or cell culture supernatant and organizations in the natural and recombinant CORT concentration.
Detection Range	500 ng/ml-7.8 ng/ml
Sensitivity	Up to 1 ng/ml.
Assay Type	Sandwich
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CORT elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Mouse CORT monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[119829183](#)

NCBI GeneID	1585
NCBI Accession #	NP_000489.3
NCBI GenBank Nucleotide #	NM_000498.3
Molecular Weight	57,560 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	CPN2; ALDOS; CYP11B; CYP11BL; CYPXIB2; P450C18; P-450C18; P450aldo
NCBI Protein Information	cytochrome P450 11B2, mitochondrial; cytochrome P-450C18; aldosterone synthase; cytochrome P-450Aldo; steroid 11-beta-monooxygenase; steroid 11-beta/18-hydroxylase; aldosterone-synthesizing enzyme; steroid 18-hydroxylase, aldosterone synthase, P450C18, P450aldo; mitochondrial cytochrome P450, family 11, subfamily B, polypeptide 2; cytochrome P450, subfamily XIB (steroid 11-beta-hydroxylase), polypeptide 2
UniProt Protein Name	Cytochrome P450 11B2, mitochondrial
UniProt Gene Name	CYP11B2
UniProt Synonym Gene Names	ALDOS
UniProt Entry Name	C11B2_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/mouse-elisa-kits/corticosterone-cort/54026>