

Rabbit Corticosterone, CORT ELISA Kit | CORT elisa kit

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CATALOG #
AAA80521

REACTIVITY
Rabbit

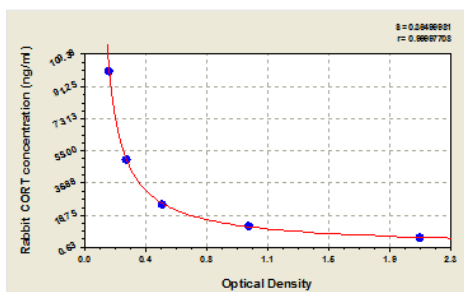
PRODUCT SYNONYMS

Corticosterone; CORT; rabbit Corticosterone; CORT ELISA Kit; CORT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Sequence Length	105
Samples	Serum, plasma and tissue homogenates
Assay Type	Competitive
Detection Range	6.25 ng/ml-100 ng/ml
Sensitivity	3.125 ng/ml
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CORT elisa kit

For samples:For the quantitative determination of endogenic rabbit corticosterone (CORT) concentrations in serum, plasma and tissue homogenates.

PRINCIPLE OF THE ASSAY This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to CORT. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated CORT. A competitive inhibition reaction is launched between CORT (Standards or samples) and Biotin-conjugated CORT with the pre-coated antibody specific for CORT. The more amount of CORT in samples, the less antibody bound by Biotin-conjugated CORT. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of CORT in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	311893369
NCBI GeneID	1325
NCBI Accession #	NP_001293.3
NCBI GenBank Nucleotide #	NM_001302.4
UniProt Accession #	O00230; Q5T6G0; Q6UX11
Molecular Weight	11,532 Da
NCBI Official Full Name	cortistatin preproprotein
NCBI Official Synonym Full Names	cortistatin
NCBI Official Symbol	CORT
NCBI Official Synonym Symbols	CST-14; CST-17; CST-29
NCBI Protein Information	cortistatin; cortistatin-14; cortistatin-17; cortistatin-29; preprocortistatin; prepro-cortistatin
UniProt Protein Name	Cortistatin
UniProt Gene Name	CORT
UniProt Synonym Gene Names	UNQ307/PRO350
UniProt Entry Name	CORT_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://www.aaabiotech.com/rabbit-elisa-kits/corticosterone-cort/80521>