

Rat Corticosterone, CORT ELISA Kit | CORT elisa kit

Rat Corticosterone, CORT ELISA Kit

CATALOG #
AAA80740

REACTIVITY
Rat

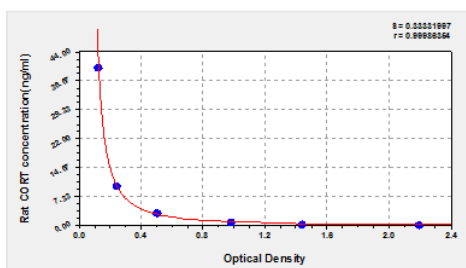
PRODUCT SYNONYMS

Corticosterone; CORT; Rat Corticosterone; CORT ELISA Kit; CORT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat CORT. No significant cross-reactivity or interference between rat CORT and analogues was observed.
Sequence Length	105
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	0.2 ng/ml-40 ng/ml
Sensitivity	< 0.1 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples were tested in twenty assays to assess.
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

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 goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for CORT and Horseradish Peroxidase (HRP) conjugated CORT. The competitive inhibition reaction is launched between with HRP labeled CORT and unlabeled CORT with the antibody. A 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/corticosterone-cort/80740>