

Pig Corticosterone, CORT ELISA Kit | CORT elisa kit

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CATALOG #
AAA79488

REACTIVITY
Pig

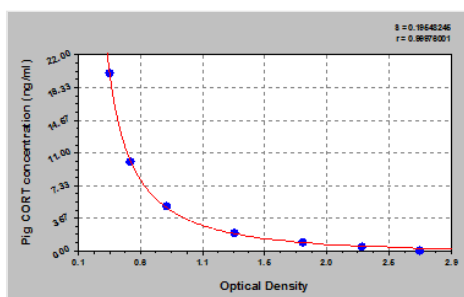
PRODUCT SYNONYMS

Corticosterone; CORT; Pig Corticosterone; CORT ELISA Kit; CORT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig CORT. No significant cross-reactivity or interference between pig CORT and analogues was observed.
Sequence Length	105
Samples	Serum, plasma
Assay Type	Quantitative Competitive
Detection Range	0.5 ng/ml-20 ng/ml
Sensitivity	< 0.5 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration 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 an antigen. Standards or samples are added to the appropriate microtiter plate wells with antibody specific for CORT and Horseradish Peroxidase (HRP) conjugated goat-anti-mouse antibody. The competitive inhibition reaction is launched between with pre-coated CORT and CORT in samples. 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.

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Online datasheet: <https://stage.aaabiotech.com/pig-elisa-kits/corticosterone-cort/79488>