

Human cortistatin (CORT) ELISA Kit | CORT elisa kit

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CATALOG #
AAA244819

REACTIVITY
Human

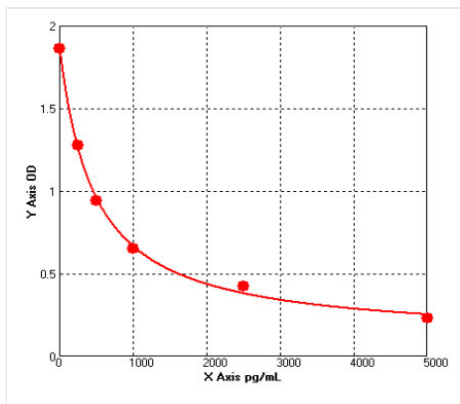
PRODUCT SYNONYMS

cortistatin (CORT); Human cortistatin (CORT) ELISA Kit; CORT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CORT. No significant cross-reactivity or interference between CORT and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CORT and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
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: CORT ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CORT antibody and an CORT-HRP conjugate. The assay sample and buffer are incubated together with CORT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CORT concentration since CORT from samples and CORT-HRP conjugate compete for the anti-CORT antibody binding site. Since the number of sites is limited, as more sites are occupied by CORT from the sample, fewer sites are left to bind CORT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CORT concentration in each sample is interpolated from this standard curve. Intended Uses: This CORT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CORT. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CORT elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	110645872
NCBI GeneID	1325
Molecular Weight	11,532 Da
NCBI Official Full Name	Cortistatin
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/human-elisa-kits/cortistatin-cort/244819>