

Human Cortistatin (CORT) ELISA Kit | CORT elisa kit

Human Cortistatin (CORT) ELISA Kit

CATALOG #
AAA66655

REACTIVITY
Human

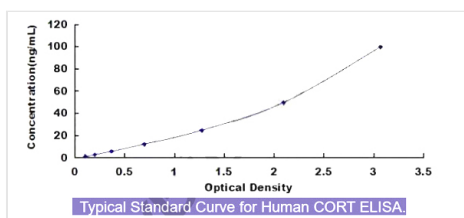
PRODUCT SYNONYMS

Cortistatin (CORT); Human Cortistatin (CORT) ELISA Kit; CST14 CST17 CST29; 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.
Sequence Length	105
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma or other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	< 0.66ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CORT were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CORT were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CORT elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CORT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CORT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CORT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CORT in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CORT in human serum, plasma or other biological fluids.
--	--

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
UniProt Protein Name	Cortistatin
UniProt Gene Name	CORT

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/human-elisa-kits/cortistatin-cort/66655>