

Human Cortisone ELISA Kit | cortisone elisa kit

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CATALOG #
AAA87991

REACTIVITY
Human

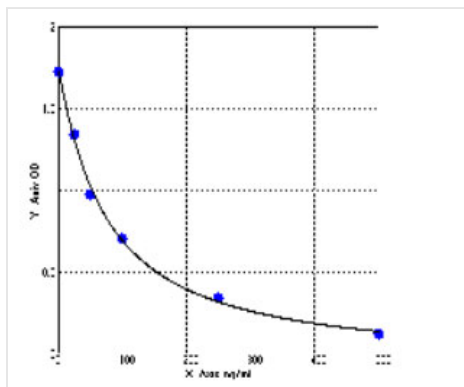
PRODUCT SYNONYMS

Cortisone; Human Cortisone ELISA Kit; cortisone elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Cortisone. No significant cross-reactivity or interference between Cortisone and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between Cortisone 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 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cortisolone elisa kit	Principle of the Assay: Cortisone ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-Cortisone antibody and an Cortisone-HRP conjugate. The assay sample and buffer are incubated together with Cortisone-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 Cortisone concentration since Cortisone from samples and Cortisone-HRP conjugate compete for the anti-Cortisone antibody binding site. Since the number of sites is limited, as more sites are occupied by Cortisone from the sample, fewer sites are left to bind Cortisone-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Cortisone concentration in each sample is interpolated from this standard curve. Intended Uses: This Cortisone ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Cortisone. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45382247
NCBI GeneID	395623
NCBI Accession #	NP_990154.1
NCBI GenBank Nucleotide #	NM_204823.1
Molecular Weight	31,225 Da
NCBI Official Full Name	cerberus
NCBI Official Synonym Full Names	cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis)
NCBI Official Symbol	CER1
NCBI Official Synonym Symbols	CAR
NCBI Protein Information	cerberus; caronte; cerberus 1 homolog, cysteine knot superfamily
UniProt Protein Name	Cerberus
UniProt Gene Name	CER1
UniProt Entry Name	CER1_CHICK

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.