Rabbit Cortisol ELISA Kit | CORT elisa kit

Rabbit Cortisol ELISA Kit

CATALOG #	REACTIVITY
AAA85825	**Rabbit**

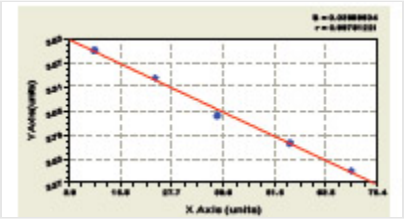
PRODUCT SYNONYMS

Cortisol; Rabbit Cortisol ELISA Kit; CORT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/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	**For samples:** Serum, plasma, cell culture supernatants, body fluid and tissue homogenate **INTENDED USE** This CROT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CROT. This ELISA kit for research use only! **PRINCIPLE OF THE ASSAY** CROT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CROT antibody and an CROT-HRP conjugate. The assay sample and buffer are incubated together with CROT-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 CROT concentration since CROT from samples and CROT-HRP conjugate compete for the anti-CROT antibody binding site. Since the number of sites is limited, as more sites are occupied by CROT from the sample, fewer sites are left to bind CROT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CROT concentration in each sample is interpolated from this standard curve.

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.