

General Cortisol (Cor) ELISA Kit | Cor elisa kit

General Cortisol ELISA Kit (Cor)

CATALOG #
AAA281410

REACTIVITY
General

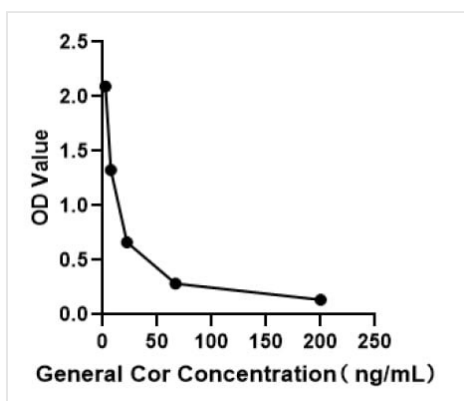
PRODUCT SYNONYMS

Cortisol (Cor); General Cortisol ELISA Kit (Cor); Cor elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of Cor. No significant cross-reactivity or interference between Cor and analogues was observed.
Assay Type	Quantitative Competitive
Detection Range	2.47-200ng/mL
Sensitivity	< 0.93ng/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level Cor were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level Cor were tested on 3 different plates, 20 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cor elisa kit	Background: This ELISA kit used for quantitative determination of Cor in serum, plasma, cell culture supernatants, cell lysates, tissue homogenates and other biological fluids. For research use only, and it is highly recommended to read thoroughly of this manual before using the product. Principle of the Assay: This assay is based on the competitive binding technique in which Cor present in a sample competes with a fixed amount of horseradish peroxidase (HRP)-labeled Cor for sites on a mouse monoclonal antibody. Following a wash to remove excess conjugate and unbound sample, a chromogenic substrate solution is added to the wells to determine the bound enzyme activity. The color development is stopped by acid, and the absorbance is read at 450 nm. The intensity of the color is inversely proportional to the concentration of Cortisol in the sample.
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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/general-elisa-kits/cortisol-cor/281410>