

Rat Cortisol ELISA Kit

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CATALOG #
AAA309852

REACTIVITY
Rat

PRODUCT SYNONYMS

Cortisol; Rat Cortisol ELISA Kit; COR; Cortisol elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat cortisol. No significant cross-reactivity or interference between rat cortisol and analogues was observed.
Samples	Serum, Plasma
Assay Type	Competitive
Detection Range	0.049 ng/ml-200 ng/ml
Sensitivity	0.049 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Store at 4 degree C

ADDITIONAL INFORMATION

Related Product Information for Cortisol elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are added to the appropriate microtiter plate wells with antibody specific for cortisol and Horseradish Peroxidase (HRP) conjugated goat-anti-rabbit antibody. The competitive inhibition reaction is launched between with pre-coated cortisol and cortisol in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of cortisol in the sample. The color development is stopped and the intensity of the color is measured.

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://www.aaabiotech.com/rat-elisa-kits/cortisol/309852>