

## Pig Cort (Corticosterone) ELISA Kit | Cort elisa kit

Pig Cort (Corticosterone) ELISA Kit

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| CATALOG #<br><b>AAA276155</b> | REACTIVITY<br><b>Pig</b> |
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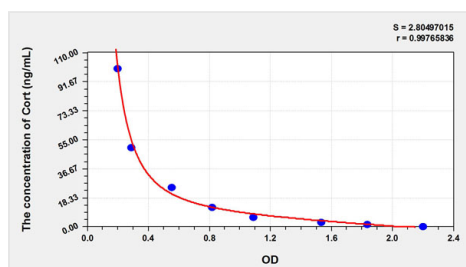
### PRODUCT SYNONYMS

Cort (Corticosterone); Pig Cort (Corticosterone) ELISA Kit; Corticosrone; Cort elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Pig Cort. No significant cross-reactivity or interference between Pig Cort and analogues was observed. |
| Assay Type              | Competitive                                                                                                                                                                       |
| Detection Range         | 1.57-100 ng/mL                                                                                                                                                                    |
| Sensitivity             | 0.51 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 intra-assay precision.            |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.             |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt.                                                                                                                  |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

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| Related Product Information for Cort 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 Corticosterone(Cort) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Corticosterone(Cort). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 $\pm$ 10nm. The concentration of Corticosterone(Cort) in the samples is then determined by comparing the OD of the samples to the standard curve. |
| Product Categories/Family for Cort elisa kit   | Infection immunity; Endocrinology; Hormone metabolism                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**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/pig-elisa-kits/cort-corticosterone/276155>