

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

Chicken Cort (Corticosterone) ELISA Kit

CATALOG #  
**AAA276476**

REACTIVITY  
**Chicken**

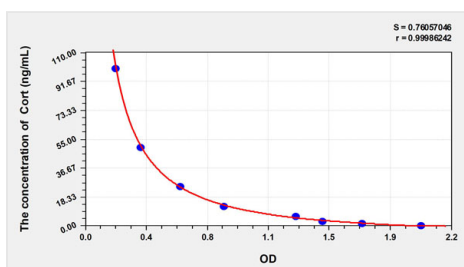
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                   |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Chicken Cort. No significant cross-reactivity or interference between Chicken 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

#### 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 ± 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/chicken-elisa-kits/cort-corticosterone/276476>