

## Chicken CORT (Corticosterone) ELISA Kit

QuickKey Pro Chicken CORT (Corticosterone) ELISA Kit

CATALOG #  
**AAA177827**

REACTIVITY  
**Chicken**

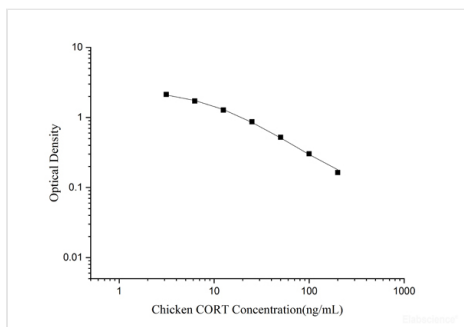
### PRODUCT SYNONYMS

CORT (Corticosterone); QuickKey Pro Chicken CORT (Corticosterone) ELISA Kit; Corticosterone; CORT; CORT (Corticosterone) elisa kit

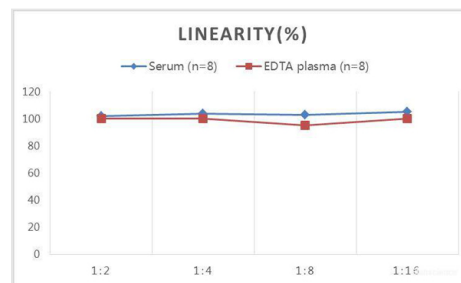
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                   |
| Samples                 | Chicken serum and plasma samples                                                                                                                                                          |
| Assay Type              | Quantitative Competitive                                                                                                                                                                  |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Chicken Cort were tested 20 times on one plate, respectively.                             |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Chicken Cort were tested on 3 different plates, 20 replicates in each plate, respectively. |
| Preparation and Storage | An unopened kit can be stored at 2-8 degree C for 6 months.                                                                                                                               |

### IMAGES



Standard Curve (Sample)



Application Data

### ADDITIONAL INFORMATION

#### Related Product Information for CORT (Corticosterone) elisa kit

**Intended Uses:** This ELISA kit applies to the in vitro quantitative determination of Cort concentrations in Chicken serum and plasma samples. Please contact tech-support for other sample type detection.

**Principle of the Assay:** This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Chicken Cort. Samples (or Standards) and Horseradish Peroxidase (HRP) linked antibody specific for Chicken Cort are added to the micro ELISA plate wells. Chicken Cort in samples (or standards) competes with a fixed amount of Cort on the solid phase supporter for sites on the HRP linked detection antibody specific to Cort. Excess conjugate and unbound sample or standard are washed from the plate. The substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450+/-2 nm. The concentration of Chicken Cort in the samples is then determined by comparing the OD of the samples to the 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.

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Online datasheet: <https://stage.aaabiotech.com/chicken-elisa-kits/cort-corticosterone/177827>