

## Canine 11-Deoxycortisol ELISA Kit

Canine 11-Deoxycortisol ELISA Kit

CATALOG #  
**AAA245062**

REACTIVITY  
**Canine**

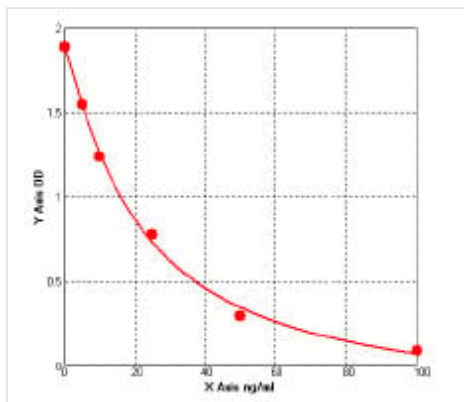
### PRODUCT SYNONYMS

11-Deoxycortisol; Canine 11-Deoxycortisol ELISA Kit; 11-Deoxycortisol elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                                                                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of 11D-CORT. No significant cross-reactivity or interference between 11D-CORT and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between 11D-CORT and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                           |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                             |
| Sensitivity             | 1.0 nmol/L                                                                                                                                                                                                                                                                                                                                                                                           |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                  |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for 11-Deoxycortisol elisa kit</b> | <p>Intended Uses: This 11D-CORT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine 11D-CORT. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: 11D-CORT ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-11D-CORT antibody and an 11D-CORT-HRP conjugate. The assay sample and buffer are incubated together with 11D-CORT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the 11D-CORT concentration since 11D-CORT from samples and 11D-CORT-HRP conjugate compete for the anti-11D-CORT antibody binding site. Since the number of sites is limited, as more sites are occupied by 11D-CORT from the sample, fewer sites are left to bind 11D-CORT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 11D-CORT concentration in each sample is interpolated from this standard curve.</p> |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**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/canine-elisa-kits/11-deoxycortisol/245062>