

## Canine Dehydroepiandrosterone (DHEA) ELISA Kit-Competitive

**Cat. No.: EK2F300**

**Product Type: Animal Immunoassay Kits**

**Size: 96T**

### Product Overview

BioVenic Canine Dehydroepiandrosterone (DHEA) ELISA Kit-Competitive is designed for the quantitative determination of Canine Dehydroepiandrosterone (DHEA) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

### Specifications

|                    |                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------|
| Assay Type         | ELISA-Competitive                                                                                      |
| Specificity        | The assay kit is specific for Canine DHEA.                                                             |
| Target Species     | Canine                                                                                                 |
| Species Reactivity | Canine                                                                                                 |
| Detection Range    | 156.26-10000 pg/mL                                                                                     |
| Sensitivity        | 256 pg/mL                                                                                              |
| Reproducibility    | Intra-Assay: CV < 10%; Inter-Assay: CV < 10%                                                           |
| Assay Time         | Around 120 min                                                                                         |
| Sample Requirement | Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids. |

### Target Information

Dehydroepiandrosterone (DHEA), also known as androstenolone, is an endogenous steroid hormone precursor. It acts as a metabolic intermediate in the biosynthesis of the sex steroids androgen and estrogen both in the gonads and in various other tissues. Research has shown that administration of DHEA results in weight loss in spontaneously obese dogs. It is normally found in the form of dehydroepiandrosterone sulfate (DHEAS). The body holds DHEAS in reserve and converts it to specific hormones when needed.

|                  |             |
|------------------|-------------|
| Target/Biomarker | Canine DHEA |
| Target Synonym   | DHEA        |

## Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.