

Canine Cortisol (Cor) ELISA Kit-Competitive

Cat. No.: EK12F993

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Canine Cortisol (Cor) ELISA Kit-Competitive is designed for the quantitative determination of Canine Cortisol (Cor) 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 Cor.
Target Species	Canine
Species Reactivity	Canine
Detection Range	3.13-200 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Cortisol is a steroid hormone of the glucocorticoid class and is a stress hormone. It is the body's primary stress hormone. It works with specific brain regions to regulate the mood, motivation, and fear. It can manage how the body uses carbohydrates, fats, and proteins. It also controls the sleep/wake cycle, boosts energy during stress and restores balance afterward. In dogs, cortisol concentration may be useful as a test to exclude hypoadrenocorticism, especially when ACTH is not available.

Target/Biomarker	Canine Cor
Target Synonym	Hydrocortisone

Shipping and Storage

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

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.