

## Cortisol (Cort) ELISA Kit-Competitive

**Cat. No.:** EK1F954

**Product Type:** Animal Immunoassay Kits

**Size:** 96T

### Product Overview

BioVenic Cortisol (Cort) ELISA Kit-Competitive is designed for the quantitative determination of Cortisol (Cort) 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 Cortisol.
Target Species	General
Species Reactivity	General
Detection Range	0.5-100 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, in the glucocorticoid class of hormones and a stress hormone. It works with specific brain regions to regulate the mood, motivation, and fear. It is produced in adrenal glands. Cortisol receptors are present in most cells throughout the body. They receive and use cortisol differently based on the body's needs. Cortisol is a crucial player in maintaining balance, but excessive or insufficient levels can impact the health.

Target/Biomarker	Cortisol
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).

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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.