

Rabbit Corticosterone (CORT) ELISA Kit-Competitive

Cat. No.: EK3F329

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Rabbit Corticosterone (CORT) ELISA Kit-Competitive is designed for the quantitative determination of Rabbit CORT in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, 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 Rabbit CORT
Target Species	Rabbit
Species Reactivity	Rabbit
Detection Range	3-180 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 lysate, and other biological fluids.

Target Information

Corticosterone, also known as 17-deoxycortisol and 11 β ,21-dihydroxyprogesterone, is a primary glucocorticoid in many species, including amphibians, reptiles, rodents, and birds. It plays a crucial role in regulating energy, immune responses, and stress reactions. In rodents, corticosterone serves as the main glucocorticoid. Corticosterone plays a key role in the stress response of rabbits. When rabbits experience stress or strain, the hypothalamic-pituitary-adrenal axis (HPA axis) is activated, leading to an increase in corticosterone production. This increased corticosterone level can inhibit the secretion of gonadotropin-releasing hormone (GnRH), which inhibits the release of gonadal hormones, which may have an effect on reproductive function in some cases.

Target/Biomarker	Rabbit CORT
Target Synonym	Corticosterone; CORT

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.