

## Chicken 17B-Estradiol (E2) ELISA Kit-Competitive

**Cat. No.:** EK9F76

**Product Type:** Animal Immunoassay Kits

**Size:** 96T

### Product Overview

BioVenic Chicken E2 ELISA Kit-Competitive is designed for the quantitative determination of Chicken Estradiol (E2) 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 Chicken E2.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	3.12-200 pg/mL
Sensitivity	1.49 pg/mL
Recovery	82%-108%
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

### Target Information

Estradiol, the most abundant type of estrogen, is secreted by granulosa cells in the follicles of the ovary. Basal circulating E2/P4 was found to be the best estimator of egg productivity in domestic chicken hens.

Target/Biomarker	Chicken E2
Target Synonym	17B-Estradiol; Oestradiol; Beta-Estradiol

### 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.