

Ovine Estriol (E3) ELISA Kit-Competitive

Cat. No.: EK1F446

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Ovine Estriol (E3) ELISA Kit-Competitive is designed for the quantitative determination of Ovine Estriol (E3) 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 Ovine E3.
Target Species	Ovine
Species Reactivity	Ovine
Detection Range	0.63-40 ng/mL
Sensitivity	0.219 ng/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

Estriol (E3), also spelled oestriol, is a type of estrogen that is produced by the placenta during pregnancy. It is one of the three main estrogens in the body, along with estrone and estradiol. Compared to estradiol, both estriol and estrone have far weaker activity as estrogens. Estriol is a relatively weak estrogen. Estriol is an agonist of the estrogen receptors ER α and ER β , but it is less potent than estradiol. It has mixed agonist-antagonist (partial agonist) activity when used alone, but in the presence of estradiol, it becomes antiestrogenic.

Target/Biomarker	Ovine E3
Target Synonym	F-E3; Free Estriol; Estriol

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.