

Chicken Prostaglandin F2 Alpha (PGF2a) ELISA Kit-Competitive

Cat. No.: EK2F204

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Chicken Prostaglandin F2 Alpha (PGF2a) ELISA Kit-Competitive is designed for the quantitative determination of Chicken Prostaglandin F2 Alpha (PGF2a) 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 Chicken PGF2a.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	12.6-800 pg/mL
Sensitivity	3.89 pg/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

Prostaglandin F2 α , also known as carboprost, is a naturally occurring prostaglandin. In obstetrics, PGF2 α is employed to sustain contractions and promote myometrial ischemia during labor. In domestic mammals, it is produced by the uterus when stimulated by oxytocin in the absence of implantation during the luteal phase. PGF2 alpha has a dual effect on prolactin secretion in the fowl.

Target/Biomarker	Chicken PGF2a
Target Synonym	PGF2A; PGF2-A; PG-F2a

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.