

Canine Progesterone (PROG) ELISA Kit-Sandwich

Cat. No.: EK11F161

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Canine PROG ELISA Kit-Sandwich is designed for the quantitative determination of Canine PROG in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Sandwich ELISA method. For research use only. Competitive ELISA assay kit targeting Progesterone is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Canine PROG.
Target Species	Canine
Species Reactivity	Canine
Detection Range	16-500 pg/mL
Sensitivity	8.57 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids;10 µL

Target Information

Research has shown that progesterone concentrations can be lower than previously described as adequate in the veterinary literature, with the bitch still exhibiting no signs of pregnancy distress and giving birth to healthy puppies at the expected time.

Target/Biomarker	Canine PROG
Target Synonym	Progesterone; PROG; progestin

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

Reference

Hinderer, J. *et al.* Progesterone concentrations during canine pregnancy. *Animals : an open access journal from MDPI*. 2021, 11: 3369.

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.