

Goat Growth Differentiation Factor 9 (GDF9) ELISA Kit-Sandwich

Cat. No.: EK10F995

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Goat GDF9 ELISA Kit-Sandwich is designed for the quantitative determination of Goat GDF9 in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Goat GDF9.
Target Species	Caprine
Species Reactivity	Caprine
Detection Range	3-200 pg/mL
Sensitivity	0.5 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

Growth differentiation factor 9 is encoded by the *GDF9* gene in goats. It plays an essential role during the growth and differentiation of ovarian follicles.

Target/Biomarker	Caprine GDF9
Target Synonym	growth differentiation factor 9; GDF9
Gene ID	100860859
UniProt ID	B7U4A2

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

Wang, X. *et al.* Genetic effects of single nucleotide polymorphisms in the goat GDF9 gene on prolificacy: True or false positive? *Animals : an open access journal from MDPI*. 2019, 9: 886.

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.