

Canine Defensin Beta 1 (DEFB1) ELISA Kit-Sandwich

Cat. No.: EK10F724

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Canine DEFB1 ELISA Kit-Sandwich is designed for the quantitative determination of Canine DEFB1 in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Canine DEFB1.
Target Species	Canine
Species Reactivity	Canine
Detection Range	2-100 pg/mL
Sensitivity	0.3 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.

Target Information

Defensin beta 1 is encoded by the *DEFB1* gene in dogs. Previous research has set the basis for further studies on the usefulness of *DEFB1* as a marker of *Leishmania infantum* infection susceptibility in dogs.

Target/Biomarker	Canine DEFB1
Target Synonym	defensin beta 1; CBD1; beta-defensin 1
Gene ID	611241
UniProt ID	Q30KV2

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

da Silva, L. G. *et al.* Canine β -defensin-1 (CBD1) gene as a possible marker for *Leishmania infantum* infection in dogs. *Parasites & Vectors*. 2017, 10: 199.

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.