

Canine C-C Motif Chemokine Ligand 5 (CCL5) ELISA Kit-Sandwich

Cat. No.: EK10F655

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Canine CCL5 ELISA Kit-Sandwich is designed for the quantitative determination of Canine CCL5 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 Canine CCL5.
Target Species	Canine
Species Reactivity	Canine
Detection Range	156-10000 pg/mL
Sensitivity	32 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

C-C motif chemokine ligand 5 is encoded by the *CCL5* gene in dogs. Research has shown that higher expression of CCL5 in the skin associates with parasite density in canine visceral leishmaniasis.

Target/Biomarker	Canine CCL5
Target Synonym	C-C motif chemokine ligand 5; RANTES; C-C motif chemokine 5; T-cell-specific protein RANTES; small-inducible cytokine A5
Gene ID	403522
UniProt ID	Q8HYS0

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

Menezes-Souza, D. *et al.* Higher expression of CCL2, CCL4, CCL5, CCL21, and CXCL8 chemokines in the skin associated with parasite density in canine visceral leishmaniasis. *PLoS neglected tropical diseases*. 2012, 6: e1566.

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.