

Canine CD44 Molecule (CD44) ELISA Kit-Sandwich

Cat. No.: EK10F737

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Canine CD44 ELISA Kit-Sandwich is designed for the quantitative determination of Canine CD44 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 CD44.
Target Species	Canine
Species Reactivity	Canine
Detection Range	0.85-50 ng/mL
Sensitivity	0.16 ng/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

CD44 molecule is encoded by the *CD44* gene in dogs. CD44 is composed of an extracellular, a transmembrane and an intracellular section that binds to structures of the cytoskeleton like ankyrin.

Target/Biomarker	Canine CD44
Target Synonym	CD44 molecule; CD44 antigen; ECMR-III; GP90 lymphocyte homing/adhesion receptor; HUTCH-I; extracellular matrix receptor-III; hermes antigen; hyaluronate receptor; phagocytic glycoprotein 1; PGP-1
Gene ID	403939
UniProt ID	Q28284

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.