

Canine Immunoglobulin M (IgM) ELISA Kit-Sandwich

Cat. No.: EK12F971

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Canine Immunoglobulin M (IgM) ELISA Kit-Sandwich is designed for the quantitative determination of Canine Immunoglobulin M (IgM) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, 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 IgM.
Target Species	Canine
Species Reactivity	Canine
Detection Range	0.16-10 µg/mL
Sensitivity	0.069 µg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 210 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

IgM is the largest of several isotypes of antibodies (also known as immunoglobulins) produced by vertebrates. Antibodies of this class produced early in a viral infection may indicate ongoing or recent viral replication. IgM is the first antibody to appear in response to initial exposure to an antigen, earning it the name "acute phase antibody." The IgM test is a useful method for diagnosing current or recent canine distemper virus (CDV) infections in dogs and mink.

Target/Biomarker	Canine IgM
Target Synonym	IGHM; Immunoglobulin Heavy Constant Mu; Ig mu chain C region

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.