

Canine Creatine Kinase MB Isoenzyme (CKMB) ELISA Kit-Sandwich

Cat. No.: EK3F385

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Canine Creatine Kinase MB Isoenzyme (CKMB) ELISA Kit-Sandwich is designed for the quantitative determination of Canine CKMB 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 CKMB.
Target Species	Canine
Species Reactivity	Canine
Detection Range	0.156-10 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Creatine kinase (CK) is composed of three isoenzymes-CK-MM, CK-MB, and CK-BB-each predominantly found in specific tissues and detectable in both serum and cerebrospinal fluid. Creatine kinase MB (CK-MB) is a myocardium-specific isoenzyme used primarily for the diagnosis and monitoring of acute myocardial infarction (AMI), as well as other cardiac diseases. Elevated CK-MB is strongly associated with the development of acute myocardial infarction and its sensitivity and specificity make it an important tool in the diagnosis of AMI. In addition, elevated CK-MB is also associated with certain non-cardiac diseases, such as chronic skeletal muscle disease and brain injury. In dogs, creatine kinase (CK) is primarily located in the skeletal muscles, myocardium, brain, and intestines.

Target/Biomarker	Canine CKMB
Target Synonym	Creatine Kinase MB Isoenzyme; CKMB

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.