

Bovine Myocyte-Specific Enhancer Factor 2A (MEF2A) ELISA Kit-Sandwich

Cat. No.: EK2F379

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Myocyte-Specific Enhancer Factor 2A (MEF2A) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Myocyte-Specific Enhancer Factor 2A(MEF2A) 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 Bovine MEF2A.
Target Species	Bovine
Species Reactivity	Bovine
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

Myocyte enhancer factor 2A (MEF2A) is a member of the myocyte enhancer factor 2 family. The Mef2 family includes several related proteins (Mef2A, B, C, and D). These transcription factors are involved in regulating gene expression during development and tissue-specific functions. It is widely distributed in different tissues and organs and is involved in several physiological processes. Dysregulation of MEF2A due to mutations can contribute to coronary artery disease.

Target/Biomarker	Bovine MEF2A
Target Synonym	Myocyte-specific enhancer factor 2A
Gene ID	407231
UniProt ID	A2VDZ3

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

Sun, J. *et al.* Effect of Bovine MEF2A Gene Expression on Proliferation and Apoptosis of Myoblast Cells. *Genes*. 2023, 14: 1498.

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.