

Bovine Phosphoglycerate Mutase 2 (PGAM2) ELISA Kit-Sandwich

Cat. No.: EK11F620

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Phosphoglycerate Mutase 2 (PGAM2) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Phosphoglycerate Mutase 2 (PGAM2) 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 PGAM2.
Target Species	Bovine
Species Reactivity	Bovine
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 270 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Phosphoglycerate mutase 2 (PGAM2) is a glycolytic enzyme that plays a crucial role in glucose metabolism. It catalyzes the interconversion between 3-phosphoglycerate (3PG) and 2-phosphoglycerate (2PG). PGAM2 transfers a phosphate group from the C-3 carbon of 3PG to the C-2 carbon, resulting in the conversion of 3PG to 2PG and vice versa. Bovine Phosphoglycerate Mutase 2 is encoded by the *PGAM2* gene in cattle. It is a potential biomarker for beef quality.

Target/Biomarker	Bovine PGAM2
Target Synonym	phosphoglycerate mutase 2; BPG-dependent PGAM 2; phosphoglycerate mutase 2 (muscle)
Gene ID	515067
UniProt ID	Q32KV0

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.