

Bovine Acylamino-Acid-Releasing Enzyme (APEH) ELISA Kit-Sandwich

Cat. No.: EK11F871

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Acylamino-Acid-Releasing Enzyme (APEH) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Acylamino-Acid-Releasing Enzyme (APEH) 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 APEH.
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

Acylamino Acid-Releasing Enzyme (AARE), also known as acylpeptide hydrolase (APEH/ACPH), acylaminoacyl peptidase (AAP), or oxidized protein hydrolase (OPH), is a deeply conserved protease found in all domains of life. Bovine Acylamino-Acid-Releasing Enzyme is encoded by the *APEH* gene in cattle. It is a gene related with proteolysis and shows metabolic functions that potentially can contribute to uniformity of yearling weight in Nellore cattle.

Target/Biomarker	Bovine APEH
Target Synonym	acylaminoacyl-peptide hydrolase; APH; AARE; acylamino-acid-releasing enzyme; Acyl-peptide hydrolase; Acylaminoacyl-peptidase; N-acylaminoacyl-peptide hydrolase
Gene ID	514666
UniProt ID	P80227

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

lung, L. H. d. S. *et al.* Genomic regions underlying uniformity of yearling weight in Nellore cattle evaluated under different response variables. *BMC genomics*. 2018, 19: 619.

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.