

Bovine Chymosin (CYM) ELISA Kit-Sandwich

Cat. No.: EK2F441

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Chymosin (CYM) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Chymosin (CYM) 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 CYM.
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

Chymosin, also known as rennin, is a protease found in rennet. It belongs to the aspartic endopeptidase family (MEROPS A1). Bovine chymosin is an aspartic protease that selectively cleaves the milk protein kappa-casein and is widely used to promote milk coagulation in cheese making. Historically, chymosin was extracted from the stomachs of slaughtered calves. However, most commercial chymosin used today is produced recombinantly in various organisms.

Target/Biomarker	Bovine CYM
Target Synonym	Chymosin; EC 3.4.23.4; Preprorennin
Gene ID	529879
UniProt ID	P00794

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.