

Bovine Peptidase Inhibitor 3 Skin-derived (SKALP) (PI3) ELISA Kit-Sandwich

Cat. No.: EK10F352

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine PI3 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine peptidase inhibitor 3, skin-derived (PI3) in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, 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 PI3.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	32-2000 pg/mL
Sensitivity	6.25 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Peptidase inhibitor 3 is encoded by the *PI3* gene in cattle. PI3 and pre-elafin are inhibitors of neutrophil serine proteases and play a crucial role in protecting tissues from excessive injury during inflammation.

Target/Biomarker	Bovine PI3
Target Synonym	peptidase inhibitor 3 skin-derived (SKALP); elafin
Gene ID	783871
UniProt ID	A1A4Q6

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.