

Bovine S100 Calcium Binding Protein A8 (S100A8) ELISA Kit-Sandwich

Cat. No.: EK10F136

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine S100A8 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine S100 calcium binding protein A8 (S100A8) 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 S100A8.
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

S100 calcium binding protein A8 is encoded by the *S100A8* gene in cattle. Calgranulin A (S100A8) and B (S100A9) are found at high levels in inflamed tissue and have been associated with acute and chronic inflammatory disorders.

Target/Biomarker	Bovine S100A8
Target Synonym	S100 calcium binding protein A8; protein S100-A8; calprotectin; BEE11; P7; calgranulin-A; neutrophil cytosolic 7 kDa protein
Gene ID	616818
UniProt ID	P28782

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.