

Bovine S100 Calcium Binding Protein B (S100B) ELISA Kit-Sandwich

Cat. No.: EK11F23

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine S100B ELISA Kit-Sandwich is designed for the quantitative determination of Bovine S100B 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 S100B.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	30-2000 pg/mL
Sensitivity	3.3 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;10 µL

Target Information

S100 calcium binding protein B is encoded by the *S100B* gene in cattle. It is a member of the S100 family of small calcium-binding proteins: members of this family contain two helix-loop-helix calcium-binding motifs and interact with a wide range of proteins involved mainly in the cytoskeleton and cell proliferation.

Target/Biomarker	Bovine S100B
Target Synonym	S100 calcium binding protein B; S100B; protein S100-B
Gene ID	525716
UniProt ID	P02638

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.