

Bovine Trans-Acting T-Cell-Specific Transcription Factor Gata-3 (GATA3) ELISA Kit-Sandwich

Cat. No.: EK11F570

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Trans-Acting T-Cell-Specific Transcription Factor Gata-3 (GATA3) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Trans-Acting T-Cell-Specific Transcription Factor Gata-3 (GATA3) 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 GATA3.
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

Bovine Trans-Acting T-Cell-Specific Transcription Factor Gata-3 is encoded by the *GATA3* gene in cattle. GATA3 binds to the enhancer regions of the T-cell receptor alpha and delta genes. It plays a crucial role in T-helper 2 (Th2) differentiation following immune and inflammatory responses. GATA3 plays an important role in maintaining trophoblast lineage program in bovine embryos and the functional role of GATA3 is species-specific.

Target/Biomarker	Bovine GATA3
Target Synonym	GATA binding protein 3; trans-acting T-cell-specific transcription factor GATA-3; GATA-binding factor 3
Gene ID	505169
UniProt ID	Q08DV0

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.