

Bovine Solute Carrier Family 14 Member 1 (SLC14A1) ELISA Kit-Sandwich

Cat. No.: EK11F456

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Solute Carrier Family 14 Member 1 (SLC14A1) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Solute Carrier Family 14 Member 1 (SLC14A1) 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 SLC14A1.
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

SLC14A1, also known as Urea Transporter 1 (UT1), is a membrane transporter that mediates urea transport in erythrocytes. It forms the basis for the Kidd blood group system. Bovine solute carrier family 14 member 1 is encoded by the *SLC14A1* gene in cattle. The gene encodes the type-B urea transporter (UT-B), which enables the passive transport of urea across cell membranes.

Target/Biomarker	Bovine SLC14A1
Target Synonym	solute carrier family 14 member 1; UT-1; UT-B; RACH1; urea transporter 1; solute carrier family 14 member 1 (Kidd blood group); urea transporter B; urea transporter, erythrocyte
Gene ID	493988
UniProt ID	Q5QF96

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.