

Bovine Histamine H1 Receptor (HRH1) ELISA Kit-Sandwich

Cat. No.: EK2F534

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Histamine H1 Receptor (HRH1) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Histamine H1 Receptor (HRH1) 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 HRH1.
Target Species	Bovine
Species Reactivity	Bovine
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 210 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Histamine H1 receptor (HRH1) is a G protein-coupled receptor activated by histamine, a signaling molecule involved in various physiological processes like allergic reactions, inflammation, and sleep-wake regulation. HRH1 binding by histamine triggers downstream signaling cascades, leading to cellular responses. The bovine H1 receptor cDNA encodes a protein of 491 amino acids with seven putative transmembrane domains. It is a receptor that mediates various neuronal and peripheral effects of histamine and may be of therapeutic importance in allergy.

Target/Biomarker	Bovine HRH1
Target Synonym	Histamine H1 receptor; H1R; HH1R
UniProt ID	P30546

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.