

## Bovine Interleukin 1 Receptor Associated Kinase 1 (IRAK1) ELISA Kit-Sandwich

**Cat. No.:** EK11F872

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Bovine Interleukin 1 Receptor Associated Kinase 1 (IRAK1) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Interleukin 1 Receptor Associated Kinase 1 (IRAK1) 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 IRAK1.
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 Interleukin 1 receptor associated kinase 1 is a protein kinase involved in the signaling pathway triggered by the binding of interleukin-1 (IL-1) to its receptor, leading to various immune responses, including inflammation and cell activation. It is encoded by the *IRAK1* gene in cattle. It is necessary for signal transmission from Toll-like receptors, which are the most important receptors of immune cells.

Target/Biomarker	Bovine IRAK1
Target Synonym	interleukin 1 receptor associated kinase 1; IRAK-1
Gene ID	<a href="#">533953</a>
UniProt ID	<a href="#">Q2LGB3</a>

### Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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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.