

## Bovine Macrophage Scavenger Receptor Types I And II (MSR1) ELISA Kit-Sandwich

**Cat. No.:** EK11F891

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Bovine Macrophage Scavenger Receptor Types I And II (MSR1) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Macrophage Scavenger Receptor Types I And II (MSR1) 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 MSR1.
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 Macrophage Scavenger Receptor Types I and II is encoded by the *MSR1* gene in cattle. It is also known as CD204, and is a protein expressed primarily on the surface of various types of macrophages. It plays key roles in multiple pathophysiologic processes. The role of MSR1 can be dichotomous, being either host protective or detrimental to disease pathogenesis. Researchers are exploring its molecular mechanisms, signaling pathways, and therapeutic potential.

Target/Biomarker	Bovine MSR1
Target Synonym	macrophage scavenger receptor 1; macrophage scavenger receptor types I and II; macrophage acetylated LDL receptor I and II
Gene ID	<a href="#">281311</a>
UniProt ID	<a href="#">P21758</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).

---

## Reference

Gudgeon, J. *et al.* The role of macrophage scavenger receptor 1 (MSR1) in inflammatory disorders and cancer. *Frontiers in immunology*. 2022, 13.

---

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.