

## Bovine Secretory Phospholipase A2 Receptor (PLA2R1) ELISA Kit-Sandwich

**Cat. No.:** EK12F86

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Bovine Secretory Phospholipase A2 Receptor (PLA2R1) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Secretory Phospholipase A2 Receptor (PLA2R1) 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 PLA2R1.
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

The enzyme phospholipase A2 (EC 3.1.1.4, PLA2, systematic name phosphatidylcholine 2-acylhydrolase) catalyze the cleavage of fatty acids in position 2 of phospholipids, hydrolyzing the bond between the second fatty acid "tail" and the glycerol molecule. Bovine Secretory Phospholipase A2 Receptor is encoded by the *PLA2R1* gene in cattle. It is a type I transmembrane receptor and belongs to the mammalian mannose receptor family, and is mainly expressed in podocytes.

Target/Biomarker	Bovine PLA2R1
Target Synonym	phospholipase A2 receptor 1; PLA2-R; secretory phospholipase A2 receptor; M-type receptor; phospholipase A2 receptor 1, 180kDa
Gene ID	<a href="#">317777</a>
UniProt ID	<a href="#">P49259</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.