

## Bovine Interleukin 2 (IL2) ELISA Kit-Sandwich

**Cat. No.:** EK9F92

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Bovine IL2 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Interleukin 2 (IL2) in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, 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 IL2.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	16-1000 pg/mL
Sensitivity	7.6 pg/mL
Recovery	85%-108%
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

### Target Information

Interleukin-2 (IL-2) is a pleotropic cytokine of 15.5-16kDa, which has the ability of regulating the activity of white blood cells (usually lymphocytes). IL-2 exerts its function by binding to IL-2 receptors expressed in lymphocytes. Research showed that a low expression level of IL2 was found in bovine neonates post birth.

Target/Biomarker	Bovine IL2
Target Synonym	Interleukin 2; TCGF; Lymphokine; T-Cell Growth Factor; Aldesleukin
Gene ID	<a href="#">280822</a>
UniProt ID	<a href="#">P05016</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.