

Bovine Insulin Like Growth Factor 1 (IGF1) ELISA Kit-Sandwich

Cat. No.: EK11F37

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine IGF1 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine IGF1 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 IGF1.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	1.23-300 ng/mL
Sensitivity	1.23 ng/mL
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;10 µL

Target Information

Insulin like growth factor 1 is encoded by the *IGF1* gene in cattle. It plays an important role in bovine follicular growth, acquisition of oocyte competence and embryo viability.

Target/Biomarker	Bovine IGF1
Target Synonym	insulin like growth factor 1; IGF-1; IGF-I; insulin-like growth factor I; class 1 insulin-like growth factor I preproprotein; insulin growth factor-1; insulin-like growth factor 1 (somatomedin C); insulin-like growth factor I (somatomedin C); prepro-IGF-I; somatomedin
Gene ID	281239
UniProt ID	P07455

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.