

## Bovine Bone Morphogenetic Protein 7 (BMP7) ELISA Kit-Sandwich

**Cat. No.:** EK10F440

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Bovine BMP7 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine bone morphogenetic protein 7 (BMP7) 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 BMP7.  |
| Target Species     | Bovine  |
| Species Reactivity | Bovine  |
| Detection Range    | 32-2000 pg/mL   |
| Sensitivity        | 6.25 pg/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. |

### Target Information

Bone morphogenetic protein 7 is encoded by the *BMP7* gene in cattle. It singularly promotes the differentiation of brown preadipocytes.

|                  |   |
|------------------|---|
| Target/Biomarker | Bovine BMP7   |
| Target Synonym   | bone morphogenetic protein 7; bone morphogenetic protein 7 (osteogenic protein 1) |
| Gene ID          | <a href="#">540595</a>  |
| UniProt ID       | <a href="#">F1MLT0</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.