

Rabbit Bone-Specific Alkaline Phosphatase (BALP) ELISA Kit-Sandwich

Cat. No.: EK3F301

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Rabbit Bone-specific Alkaline Phosphatase (BALP) ELISA Kit-Sandwich is designed for the quantitative determination of Rabbit BALP 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 Rabbit BALP
Target Species	Rabbit
Species Reactivity	Rabbit
Detection Range	0.8-50 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Bone alkaline phosphatase (BAP) is the bone-specific isoform of alkaline phosphatase and is a glycoprotein located on the surface of osteoblasts. It reflects the biosynthetic activity of these bone-forming cells and serves as a sensitive and reliable indicator of bone metabolism. Synthesized by osteoblasts, BAP is believed to play a role in the calcification of the bone matrix. The extent of new bone formation can be assessed by assaying bone alkaline phosphatase activity in a rabbit model of cranial defect repair. Bone alkaline phosphatase activity varies across age and sex. For example, bone alkaline phosphatase activity in rabbit bones decreases with age.

Target/Biomarker	Rabbit BALP
Target Synonym	BALP; BSAP; HOPS; AP-TNAP; TNSALP; Bone Alkaline Phosphatase; Alkaline Phosphatase, Tissue-Nonspecific Isozyme

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.