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Datasheet for ABIN5510747

BMP6 ELISA Kit

1 Image

Overview

Quantity:	96 tests
Target:	BMP6
Binding Specificity:	AA 368-506
Reactivity:	Rat
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse BMP-6
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: CHO, Immunogen sequence: S368-H506
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.

Target Details

Target:	BMP6
Alternative Name:	Bmp6 (BMP6 Products)
Background:	Protein Function: Induces cartilage and bone formation. . Background: The bone morphogenetic proteins (BMPs) are a family of secreted signaling

Target Details

molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, BMP-6 has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has led to speculation of possible bone inductive activity.

Synonyms: Bone morphogenetic protein 6, BMP-6, VG-1-related protein, VGR-1, Bmp6, Bmp-6, Vgr,

Full Gene Name: bone morphogenetic protein 6

Cellular Localisation: Secreted.

UniProt: [Q04906](#)

Pathways: [Regulation of Hormone Metabolic Process](#), [Regulation of Hormone Biosynthetic Process](#)

Application Details

Plate: Pre-coated

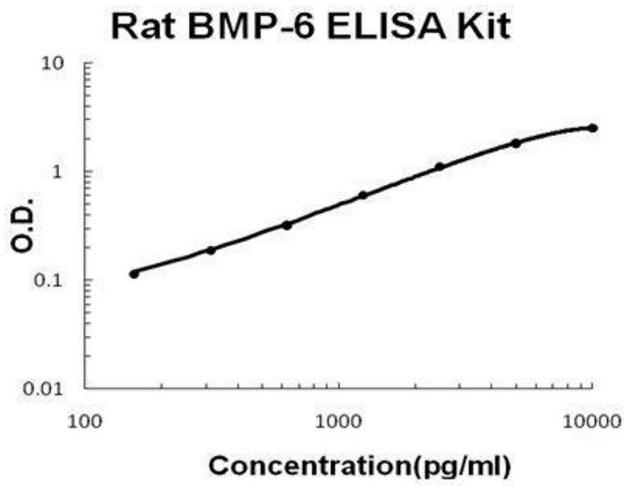
Restrictions: For Research Use only

Handling

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

Expiry Date: 12 months



ELISA

Image 1. Rat BMP-6 PicoKine ELISA Kit standard curve