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BMP6 ELISA Kit





Overview

Quantity:	96 tests
Target:	BMP6
Binding Specificity:	AA 372-510
Reactivity:	Mouse
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: S372-H510
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Expressed in the lung. Low levels seen in the kidney.

Target Details

Target:	BMP6
Alternative Name:	Bmp6 (BMP6 Products)
Background:	Protein Function: Induces cartilage and bone formation

Background: Bone morphogenetic protein 6 is a protein that in humans is encoded by the BMP6 gene. It is mapped to 6p24-p23. The bone morphogenetic proteins (BMPs) are a family of secreted signaling 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, the BMP encoded by this gene has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has lead to speculation of possible bone inductive activity. Synonyms: Bone morphogenetic protein 6, BMP-6, VG-1-related protein, VGR-1, Bmp6, Bmp-6, Vgr1,

Full Gene Name: bone morphogenetic protein 6

Cellular Localisation: Secreted.

UniProt: P20722

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

Mouse BMP-6 ELISA Kit O O 1 O O 1000 10000 Concentration(pg/ml)

ELISA

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