

Datasheet for ABIN5510754

OGN ELISA Kit[Go to Product page](#)**1** Image

Overview

Quantity:	96 tests
Target:	OGN
Binding Specificity:	AA 20-298
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse Mimecan
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO, Immunogen sequence: A20-F298
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.

Target Details

Target:	OGN
Alternative Name:	Ogn (OGN Products)
Background:	Protein Function: Induces bone formation in conjunction with TGF-beta-1 or TGF-beta-2. . Background: Osteoglycin (also called mimecan) is a protein that in humans is encoded by the

Target Details

OGN gene. This gene encodes a protein which induces ectopic bone formation in conjunction with transforming growth factor beta. This protein is a small proteoglycan which contains tandem leucine-rich repeats (LRR). The level of expression of this gene has been correlated with enlarged hearts and more specifically left ventricular hypertrophy. Mimecan belongs to a family of small leucine-rich proteoglycans (SLRPs). The mimecan gene was expressed at a moderate level in the mouse pituitary gland by Northern blot analysis. Expression of mimecan mRNA and protein is also observed in the human anterior pituitary gland. The OGN gene was mapped to chromosome 9q22.

Synonyms: Mimecan, Osteoglycin, Ogn, Og,

Full Gene Name: osteoglycin

Cellular Localisation: Secreted, extracellular space, extracellular matrix.

UniProt: [Q62000](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Plate: Pre-coated

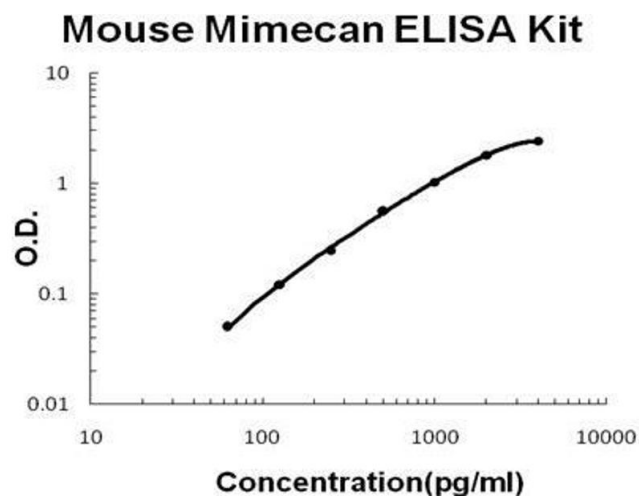
Restrictions: For Research Use only

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. Mouse Mimecan PicoKine ELISA Kit standard curve