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Datasheet for ABIN5510552

MMP10 ELISA Kit

1 Image

Overview

Quantity: 96 tests

Target: MMP10

Binding Specificity: AA 18-476

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human MMP10

Brand: PicoKine™

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: NSO, Immunogen sequence: Y18-C476

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Target Details

Target: MMP10

Alternative Name: MMP10 ([MMP10 Products](#))

Background: Protein Function: Can degrade fibronectin, gelatins of type I, III, IV, and V, weakly collagens III, IV, and V. Activates procollagenase.

Target Details

Background: Stromelysin-2 also known as matrix metalloproteinase-10 (MMP-10) or transin-2 is an enzyme that in humans is encoded by the MMP10 gene. Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades proteoglycans and fibronectin. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

Synonyms: Stromelysin-2, SL-2, 3.4.24.22, Matrix metalloproteinase-10, MMP-10, Transin-2, MMP10, STMY2,

Full Gene Name: matrix metalloproteinase 10

Cellular Localisation: Secreted, extracellular space, extracellular matrix.

UniProt: [P09238](#)

Application Details

Plate: Pre-coated

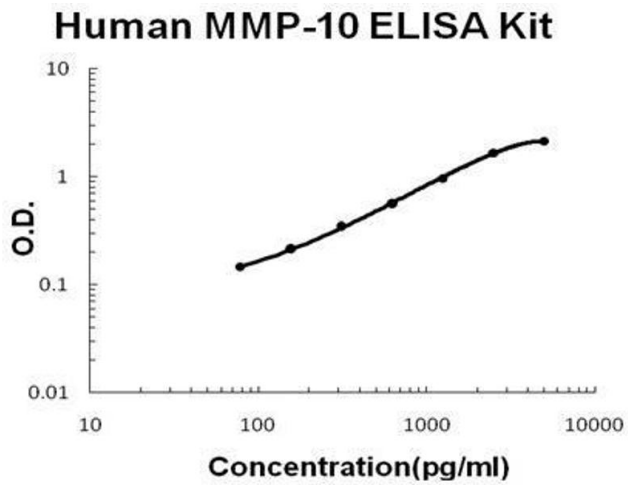
Restrictions: For Research Use only

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. Human MMP-10 PicoKine ELISA Kit standard curve