

Datasheet for ABIN6720344

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

Overview

Quantity:	1 kit
Target:	MIA
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	15.6 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.6 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Saliva, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: CD RAP, melanoma inhibitory activity, Melanoma inhibitory activity protein, Melanoma-derived growth regulatory protein, Mia, MIA_HUMAN</p> <p>Background: Melanoma Inhibiting Activity(MIA), also known as cartilage-derived retinoic acid-sensitive protein(CD-RAP), is an approximately 11-15 kDa protein that is expressed as a noncovalent homodimer. MIA is structurally related to OTOR/Otoraplin and MIA-2 in a small family of secreted proteins with one SH3 domain(1-3). And the MIA gene was mapped to 19q13.32-q13.33 by fluorescence in situ hybridization. Beside, It is a marker for malignant melanoma. MIA functions as a chemoattractant for mesenchymal stem cells and enhances</p>

Product Details

their BMP-2 and TGF-beta3 induced differentiation into chondrocytes . MIA-deficient mice exhibit delayed chondrocyte differentiation but enhanced chondrocyte proliferation and cartilage repair .

Gene Name: MIA

Production: Natural and recombinant human MIA. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: G25-131Q

Target Details

Target:	MIA
Alternative Name:	MIA (MIA Products)
Gene ID:	8190
NCBI Accession:	NP_001189482
UniProt:	Q16674

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL, 15.6pg/mL human MIA standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA) or saliva to each empty well. It is recommended that each human MIA standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 15.6pg/mL-1000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at

Handling

room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images

