

MMP16 (Human) Cell-Based ELISA Kit

Catalog # KA3006

Size 1 Kit

Specification

Product Description	MMP16 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of MMP16 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — MMP16

Entrez GeneID	4325
Protein Accession#	P51512
Gene Name	MMP16
Gene Alias	C8orf57, MMP-X2, MT-MMP2, MT-MMP3, MT3-MMP
Gene Description	matrix metalloproteinase 16 (membrane-inserted)

Omim ID [602262](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. This gene produces at least two transcripts, one which encodes a membrane-bound form and another a soluble form of the protein. Both forms of the protein activate MMP2 by cleavage. This gene was once referred to as MT-MMP2, but was renamed as MT-MMP3 or MMP16. [provided by RefSeq]

Other Designations

matrix metalloproteinase 16|matrix metalloproteinase 16 (membrane-inserted)|membrane-type matrix metalloproteinase 3|membrane-type-3 matrix metalloproteinase

Disease

- [Alzheimer disease](#)
- [Bronchopulmonary Dysplasia](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chorioamnionitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Liver Cirrhosis](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obstetric Labor](#)

- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Puerperal Disorders](#)
- [Sepsis](#)
- [Streptococcal Infections](#)