MMP8 (Human) Cell-Based ELISA Kit

Catalog # KA3012 Size 1 Kit

Specification

Product Description	MMP8 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative dete rmination of MMP8 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 — MMP8

Entrez GeneID	4317
Protein Accession#	P22894
Gene Name	MMP8
Gene Alias	CLG1, HNC, PMNL-CL
Gene Description	matrix metallopeptidase 8 (neutrophil collagenase)

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Omim ID	120355
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. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils and is activated by autolytic cleavage. Its function is degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq
Other Designations	PMNL collagenase|matrix metalloproteinase 8|matrix metalloproteinase 8 (neutrophil collagenase)|neutrophil collagenase

Disease

- Breast cancer
- Breast Neoplasms
- Bronchiectasis
- Carcinoma
- Cardiovascular Diseases
- Chorioamnionitis
- Connective Tissue Diseases
- Coronary Artery Disease
- Diabetes Mellitus
- Disease Progression
- Edema
- Fetal Diseases
- Fetal Membranes
- Genetic Predisposition to Disease
- Hepatitis C
- Infection

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- Inflammation
- Intervertebral Disk Displacement
- Liver Cirrhosis
- Liver Neoplasms
- Lung Neoplasms
- Lymphatic Metastasis
- Malignant melanoma
- Melanoma
- Mouth Neoplasms
- Musculoskeletal Diseases
- Neoplasm Invasiveness
- Obstetric Labor
- Oral Submucous Fibrosis
- Precancerous Conditions
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Skin Diseases
- Skin Neoplasms
- Stomach Neoplasms
- Urinary Bladder Neoplasms

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