MMP13 (Human) Cell-Based ELISA Kit

Catalog # KA3003 Size 1 Kit

Specification

Product Description	MMP13 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of MMP13 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — MMP13

Entrez GeneID	4322
Protein Accession#	P45452
Gene Name	MMP13
Gene Alias	CLG3
Gene Description	matrix metallopeptidase 13 (collagenase 3)

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Omim ID	600108 602111
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. The protein encoded by this gene cleaves type II collagen more efficiently than types I and III. It may be involved in articular cartilage turnover and cartilage pathophysiology associated with osteoarthritis. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq
Other Designations	collagenase 3|matrix metalloproteinase 13|matrix metalloproteinase 13 (collagenase 3)

Disease

- Adenocarcinoma
- Alveolar Bone Loss
- Aortic Aneurysm
- Arteriosclerosis
- Arthritis
- Atherosclerosis
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Chorioamnionitis
- Chronic Periodontitis
- Cleft Lip
- Cleft Palate
- Coronary Artery Disease
- Diabetes Mellitus

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- Disease Progression
- Edema
- Endometriosis
- Esophageal Neoplasms
- Fetal Membranes
- Genetic Predisposition to Disease
- Gingival Hemorrhage
- Heart Neoplasms
- Hepatitis C
- Intervertebral Disk Displacement
- Liver Cirrhosis
- Lung Neoplasms
- Mouth Neoplasms
- Mucocutaneous Lymph Node Syndrome
- Nasopharyngeal Neoplasms
- Neoplasms
- Obstetric Labor
- Osteomyelitis
- Ovarian cancer
- Ovarian Neoplasms
- Periodontal Attachment Loss
- Pre-Eclampsia
- Premature Birth
- Stomach Neoplasms

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