



## MMP-3 Activity Fluorometric Assay Kit

### Product Information

#### Cat

Kit-2213

#### Cat.No.

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### Product Overview

The matrix metalloproteinase-3 (MMP-3, stromelysin-1) exhibits a number of activities that would make it a particularly good tumor promoter. Like several other MMPs, MMP-3 was first cloned and later re-cloned as a cancer-specific gene. In addition to degrading numerous extracellular matrix components, MMP-3 can activate gelatinase B, the collagenases and several serpin-type serine proteinase inhibitors. Moreover, it can release a number of cell surface molecules, including E-cadherin, a known contributor to cancer development. In MMP-3 Assay Kit, MMP-3 hydrolyzes a specific FRET substrate to release the quenched fluorescent group Mca, which can be detected fluorometrically at Ex/Em = 325/393 nm. The kit provides a rapid, simple, sensitive and reliable test which can also be used as a high throughput assay of MMP-3 activity. The assay sensitivity is < 50  $\mu$ U. This kit can be used with our MMP-3 inhibitor, GM6001 as a control. In addition, we also offer a human recombinant MMP-3 enzyme and a MMP-3 inhibitor Screening Kit, separately.

### Applications

The assay sensitivity is < 50  $\mu$ U.

### Storage

-20°C

### Shipping

Gel Pack

### Size

100 assays

### Kit Components



CREATIVE **BIOMART**<sup>®</sup>  
Assay Kit

## MMP-3 Activity Fluorometric Assay Kit

MMP-3 Assay Buffer; MMP-3 Substrate; Mca Standard (1mM); MMP-3 Positive Control

### Target Species

Mammalian

**Detection method** Fluorescence (Ex/Em 325/393 nm)

### Features & Benefits

Sensitive assays for measuring MMP-3 in various biological samples

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