

## Matrix Metalloproteinase-10 (MMP-10) fluorometric drug discovery Kit

**Cat. No.** Kit-0569    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

A QuantiZyme Assay System. The MMP-10 Fluorometric (also known as fluorimetric) Drug Discovery Kit is a complete assay system designed to screen for inhibitors of matrix metalloproteinase-10 (MMP-10, stromelysin-2) using a quenched fluorogenic peptide: OMNIMMP fluorogenic substrate Mca-Pro-Leu-Gly-Leu-Dpa-Ala-Arg-NH. Mca fluorescence is quenched by the Dpa group until cleavage by MMPs at the Gly-Leu bond separates the two moieties. The assays are performed in a convenient 96-well microplate format. Also included are active enzyme, a prototypic control inhibitor (NNGH3), and a detailed instruction booklet.

#### Size

96 wells

#### Applications

Fluorescence microscopy, HTS

#### Storage

-80°C

#### Kit Components

MMP-10 enzyme (human) (recombinant), substrate, calibration standard, inhibitor, assay buffer, 96-well white microplate.

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