# Matrix Metalloproteinase-8 (MMP-8) fluorometric drug discovery Kit

**Cat. No.** Kit-0584 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | A QuantiZyme Assay System. The MMP-8 Fluorometric (also known as fluorimetric) Drug Discovery Kit is a complete assay system designed to screen inhibitors of matrix metalloproteinase-8 (MMP-8, neutrophil collagenase, collagenase-2) using a quenched fluorogenic peptide: OMNIMMP fluorogenic substrate Mca-Pro-Leu-Gly-Leu-Dpa-Ala-Arg-NH2. 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-8 enzyme (human) (recombinant), substrate, calibration standard, inhibitor, assay buffer, 96-well white microplate. |

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