

Matrix Metalloproteinase-3 (MMP-3) fluorometric drug discovery Kit

Cat. No. Kit-0580 Lot. No. (See product label)

SPECIFICATION

Product Overview	<p>A QuantiZyme Assay System. The MMP-3 Fluorometric (also known as fluorimetric) Drug Discovery Kit is a complete assay system designed to screen inhibitors of matrix metalloproteinase-3 (MMP-3, stromelysin-1) 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. The kit is useful to screen inhibitors of MMP-3, a potential therapeutic target. Included are active enzyme, assay buffer, a prototypic control inhibitor (NNGH3), and a detailed instruction booklet.</p>
Size	96 wells
Applications	Fluorescence microscopy, HTS
Storage	-80°C
Kit Components	MMP-3 enzyme (human) (recombinant), substrate, calibration standard, inhibitor, assay buffer, 96-well white microplate.

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