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

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 ($NNGH^3$), and a detailed instruction booklet.

Citations: 2 View Online »

Ordering Information

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BML-AK401-0001	96 wells

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage -80°C

Shipping Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	Stromelysin-1, Transin-1
Application	Activity assay, Fluorescent detection, HTS
Contents	MMP-3 enzyme (human) (recombinant), substrate, calibration standard, inhibitor, assay buffer, 96-well white microplate.
UniProt ID	P08254

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