Matrix Metalloproteinase-9 (MMP-9) fluorometric drug discovery kit

A QUANTIZYME® Assay System. The MMP-9 Fluorometric (also known as fluorimetric) Drug Discovery Kit is a complete assay system designed to screen inhibitors of matrix metalloproteinase-9 (MMP-9, gelatinase B) 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-9, a potential therapeutic target. Included are active enzyme, assay buffer, a prototypic control inhibitor $(NNGH)^3$, and a detailed instruction booklet.

Citations: 6 View Online »

Ordering Information Order Online »

BML-AK411-0001	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 Gelatinase B, 92kDa Type IV collagenase

Application Activity assay, Fluorescent detection, HTS

Contents MMP-9 enzyme (human) (recombinant), substrate, calibration standard, inhibitor, assay buffer, 96-well white microplate.

Technical Info / Product Notes

Application Note:
Automated Monitoring of Protein Expression and Metastatic Cell Migration Using Magnetic 3D Bioprinted Colorectal Cancer Cells

UniProt ID P14780

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