CREATIVE BIOMART®
Assay Kit

Matrix Metalloproteinase-14 (MMP-14) fluorometric drug discovery Kit

Product Information

Cat.No.	Kit-0575

Product Overview

A QuantiZyme Assay System. The MMP-14 Fluorometric (also known as fluorimetric) Drug Discovery Kit is a complete assay sytem designed to screen for inhibitors of matrix metalloproteinase-14 (MMP-14, membrane-type matrix metalloproteinase 1, MT1-MMP) 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-14 enzyme (human) (recombinant), substrate, calibration standard, Assay Buffer, 96-well white microplate.

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA