CREATIVE BIOMART®
Assay Kit

Cell Migration/Chemotaxis Assay Kit (24-well, 5 ?m)

Product Information

Cat

Kit-1010

Common Name

Cell

Cat.No. Kit-1010

Description

Cell migration is a process by which cells move from one location to another. Cell motility is observed in unicellular organisms, and is essential for the development and maintenance of multicellular organisms. Cells often migrate in response to specific external stimuli, including chemical & mechanical signals. Errors during this process have serious consequences, including intellectual disability, vascular disease, tumor formation and metastasis. Cell Migration/Chemotaxis Assay Kit utilizes a Boyden chamber, where the cells migrate through a semipermeable membrane under different stimuli. Cell migration can be analyzed directly by reading fluorescence (Ex/Em = 530/590 nm) in a plate reader. Our assay is easy to use, sensitive and adaptable to high-throughput systems.

Applications

Measure cell migration in response to stimuli.
Screen, study, or characterize compounds that influence chemotaxis/cell migration.

Storage

-20°C

Shipping

Gel Pack

Size

12 assays

Kit Components

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

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Wash Buffer; Cell Dissociation Solution; Control Migration Inducer; Cell Dye; Cell Migration Chamber

Detection method Fluorescence (Ex/Em = 530/590 nm)

Features & Benefits

Highly sensitive fluorometric method to measure cell migration/chemotaxis in response to a variety of biochemical stimuli;
Simple & High throughput-adaptable;
Reproducible, Quantitative tool for screening, studying, or characterizing compounds that affect cell migration

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