CREATIVE BIOMART®
Assay Kit

DPP4 Inhibitor Screening Kit

Product Information

Cat.No.	Kit-0315

Product Overview

This kit can be used for screening of DPP4 inhibitors. (100 assays)

Size

100 assays

Description

Dipeptidyl peptidase-4 (DPP4) inhibitors have emerged as a new class of oral antidiabetic agents. These inhibitors promote glucose homeostasis by inhibiting degradation of glucosedependent insulinotropic polypeptide and glucagon-like peptide-1 by DPP4. Glucagon-like peptide-1 extends the action of insulin while suppressing the release of glucagon. In DPP4 Inhibitor Screening Kit, DPP4 cleaves a substrate to release a quenched fluorescent group (Em/Ex = 360/460 nm). In presence of a DPP4 inhibitor, the cleavage will be inhibited. The kit provides a rapid, simple, sensitive, and reliable test, as well as, suitable for high throughput screening of DPP4 inhibitors. Sitagliptin is included as a control inhibitor to compare the efficacy of the test inhibitors.

Usage

This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.

Kit Components

DPP4 Assay BufferDPP4 SubstrateDPP4 EnzymeDPP4 Inhibitor (Sitagliptin)

Detection method Fluorescence Plate ReaderFluorometer

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