CREATIVE BIOMART®
Assay Kit

Dipeptidyl peptidase IV Inhibitor Screening Assay Kit

Product Information

Cat.No. Kit-0312

Product Overview

Dipeptidyl peptidase IV (DPP4) Inhibitor Screening Assay Kit provides a convenient fluorescence-based method for screening DPP4 inhibitors. The assay uses the fluorogenic substrate, Gly-Pro-Aminomethylcoumarin (AMC), to measure DPP4 activity. Cleavage of the peptide bond by DPP releases the free AMC group, resulting in fluorescence that can be analyzed using an excitation wavelength of 350-360 nm and an emission wavelength of 450-465 nm.

Size

1 x 96 well plate

Applications

Functional Studies

Target Species

Reacts with: Human

Storage

DPP Assay Buffer (10X) 1 vial -20°CDPP4 (human recombinant) 2 vials -80°CDPP Substrate 1 vial -20°CHalf Volume 96-Well Solid Plate (white) 1 plate RTSitagliptin Positive Control Inhibitor 1 vial -20°C96-Well Cover Sheet 1 cover RT

Kit Components

Components 96 tests96-Well Plate Cover 1 unitDPP Assay Buffer (10X) 1 vialDPP IV (human recombinant) 2 vialsDPP Substrate 1 vialHalf Volume 96-Well Solid Plate (white) 1 unitSitagliptin Positive Control Inhibitor 1 vial

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