

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°C DPP4 (human recombinant) 2 vials -80°C DPP Substrate 1 vial -20°C Half Volume 96-Well Solid Plate (white) 1 plate RT Sitagliptin Positive Control Inhibitor 1 vial -20°C 96-Well Cover Sheet 1 cover RT

Kit Components

Components 96 tests 96-Well Plate Cover 1 unit DPP Assay Buffer (10X) 1 vial DPP IV (human recombinant) 2 vials DPP Substrate 1 vial Half Volume 96-Well Solid Plate (white) 1 unit Sitagliptin Positive Control Inhibitor 1 vial