



# 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