

GGT Activity Fluorometric Assay Kit

Product Information

Cat.No.

Kit-0368

Product Overview

GGT Activity Assay Kit (Fluorometric) is a quantitative fluorometric determination of GGT activity.

Description

The Gamma-Glutamyl Transferase (GGT; EC 2.3.2.2) is an enzyme that transfers gamma-glutamyl functional groups. It is found in many tissues, the most notable one being the liver, and has significance in medicine as a diagnostic marker. GGT Activity Assay Kit (Fluorometric) provides a convenient tool for sensitive detection of the GGT in a variety of samples. The GGT in sample will recognize L- γ -Glutamyl-AMC as a specific substrate leading to proportional fluorescence development. The activity of GGT can be easily quantified fluorometrically (Ex/Em = 365/460 nm). This assay detects GGT activity as low as 0.02 mIU in sample.

Target Species

Mammals

Usage

For research use only (RUO)

Storage

Store the kit at -20°C, protected from light. Allow Assay Buffer to warm to room temperature before use. Briefly centrifuge vials before opening. Read the entire protocol before performing the assay.

Kit Components

GGT Assay Buffer. Cap code: WM. 25 mL GGT Substrate. Cap code: NM. 1 Bottle GGT Positive Control. Cap code: green. 1 Vial AMC Standard (1mM). Cap code: yellow. 100 μ l

Detection method

Fluorometric

Compatible Sample Types

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Cell Lysate, Serum, Tissue Lysate

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