

Gamma Glutamyl Transferase (GGT) Activity Fluorometric Assay Kit

Cat. No. Kit-0366 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

- Simple procedure
- Fast and convenient
- The assay is sensitive, stable and high-throughput adaptable.

Description

The Gamma-GlutamylTransferase (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. Gamma-GlutamylTransferase Assay Kit 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.

Applications This assay detects GGT activity as low as 0.02 mIU in sample.

Usage For Research Use Only! Not For Use in Humans

Storage -20°C

Size 100 assays

Kit Components

- GGT Assay Buffer
- GGT Substrate
- GGT Positive Control

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- AMC Standard (1mM)

Target Species


Mammalian

Detection method


Fluorescence (Ex/Em 365/460 nm)

Compatible Sample Types

Cell lysates, tissue lysates, and serum

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