

# GGT Activity Colorimetric Assay Kit

## Product Information

### Cat.No.

Kit-0367

### Product Overview

GGT Activity Assay Kit (Colorimetric) is a quantitative colorimetric determination of GGT activity at 418 nm.

### 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 (Colorimetric) provides a convenient tool for sensitive detection of the GGT in a variety of samples. The GGT in sample will recognize L-γ-Glutamyl-pNA as a specific substrate leading to proportional color development. The activity of GGT can be easily quantified colorimetrically ( $\lambda = 418$  nm). This assay detects GGT activity as low as 0.5 mIU.

### 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 pNA Standard (2mM). Cap code: yellow. 400  $\mu$ l

**Detection method** Colorimetric

### Compatible Sample Types

Tel: 1-631-559-9269 1-516-512-3133

Fax: 1-631-938-8127

Email: [info@creative-biomart.org](mailto:info@creative-biomart.org)

45-1 Ramsey Road, Shirley, NY 11967, USA



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Cell Lysate, Serum, Tissue Lysate

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