

# Gamma Glutamyl Transferase (GGT) Activity Colorimetric Assay Kit

**Cat. No.** Kit-0365    **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-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. Gamma-Glutamyl Transferase 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-pNA as a specific substrate leading to proportional color development. The activity of GGT can be easily quantified colorimetrically ( $\lambda = 418 \text{ nm}$ ). This assay detects GGT activity as low as 0.5 mIU.

**Applications**      This assay detects GGT activity as low as 0.5 mIU.

**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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• pNA Standard (2mM)

<b>Target Species</b>	Mammalian
<b>Detection method</b>	Absorbance (418 nm)
<b>Compatible Sample Types</b>	Cell lysates, tissue lysates, and serum

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