

GGT Activity Colorimetric Assay Kit

Cat. No. Kit-0367 **Lot. No.** (See product label)

SPECIFICATION

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 ($\lambda = 418 \text{ nm}$). 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 mlGGT Substrate. Cap code: NM. 1 BottleGGT Positive Control. Cap code: green. 1 vialpNA Standard (2mM). Cap code: yellow. 400 μ
Detection method	Colorimetric

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**Compatible Sample
Types**

Cell Lysate, Serum, Tissue Lysate

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