CREATIVE BIOMART®
Assay Kit

GGT Activity Colorimetric Assay Kit

Product Information

Cat.No. Kit-0367

Product Overview

GGT Activity Assay Kit (Colorimetric) is a quantitative colormetric 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 (λ = 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 mlGGT Substrate. Cap code: NM. 1 BottleGGT Positive Control. Cap code: green. 1 vialpNA Standard (2mM). Cap code: yellow. 400 µl

Detection method Colorimetric

Compatible Sample Types

Cell Lysate, Serum, Tissue Lysate

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA