CREATIVE BIOMART®
Assay Kit

Gamma-Glutamyl Transpeptidase Activity Assay Kit

Product Information

Product Overview

γ-Glutamyltransferase (γ-GT) is a key enzyme in the γ-glutamyl cycle and catalyzes glutathione degradation. It transfers γ-glutamyl groups from glutathione or related compounds to acceptors and plays an important role in extracellular glutathione metabolism.
γ-GT catalyzes the transfer of the γ-glutamyl group from γ-glutamyl-p-nitroanilide to glycylglycine, releasing p-nitroaniline with characteristic absorbance at 405 nm. Enzyme activity is calculated from the absorbance increase rate.

Size

100t/96s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Refrigerated centrifuge, water bath, adjustable pipettes, visible spectrophotometer or microplate reader, micro glass cuvettes or 96-well plates, distilled water.

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