CREATIVE BIOMART®
Assay Kit

Glutathione Peroxidase Assay Kit

Product Information

Cat

Kit-2449

Cat.No. Kit-2449

Product Overview

Glutathione peroxidase (GPX, EC 1.11.1.9) represents an enzyme family with peroxidase activity whose main biological role is to protect the organism from oxidative damage. It helps prevent lipid peroxidation of cellular membranes by removing free peroxide in the cell. GPX catalyzes the following reaction with glutathione reductase (GR), Simple, direct and high-throughput assays for GPX activity find wide applications. improved assay directly measures NADPH consumption in the enzyme coupled reactions. The measured decrease in optical density at 340 nm is directly proportional to the enzyme activity in the sample.

Storage

-20°C

Shipping

On Ice

Size

100 tests

Detection method OD340nm

Compatible Sample Types

Biological

Features & Benefits

Sensitive and accurate. Use 10 µL sample. Linear detection range 40 to 800 U/L GPX activity.

Assay time

20 min

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Glutathione Peroxidase Assay Kit

Sensitivity
40 U/L

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