CREATIVE BIOMART®
Assay Kit

Triglyceride Assay Kit

Product Information

Cat

Kit-2479

Cat.No. Kit-2479

Product Overview

Triglyceride , also known as Triacyltriglyceride or Triacyl-glyceride, is the main constituent in vegetable oil and animal fats. Triglycerides play an important role as energy sources and transporters of dietary fat. In the human body, high levels of triglycerides in the bloodstream have been linked to atherosclerosis, heart disease and pancreatitis. Simple, direct and automation-ready procedures for measuring triglyceride concentrations find wide applications in research and drug discovery. triglyceride assay uses a single Working Reagent that combines triglyceride hydrolysis and glycerol determination in one step, in which a dye reagent is oxidized to form a colored product. The color intensity at 570nm is directly proportional to triglyceride concentration in the sample.

Storage

4, -20°C

Shipping

On Ice

Size

200 tests

Detection method OD570nm

Compatible Sample Types

Serum, plasma etc

Features & Benefits

Sensitive and accurate. Use as little as 10 µL samples. Linear detection range 0.01 to 1.0 mmol/L (0.88 to 88.5 mg/dL) triglyceride.
Simple and convenient. The procedure involves addition of a single working reagent and

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Triglyceride Assay Kit

incubation for 30 min at room temperature, compatible for HTS assays. Improved reagent stability. The optimized formulation has greatly enhanced the reagent and signal stability.

Assay time
30 min
Sensitivity
0.01 mmol/L (0.88 mg/dL)

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