CREATIVE BIOMART®
Assay Kit

Glycerol Colorimetric Assay Kit

Product Information

Cat.No.	Kit-1957

Size

96 wells

Description

Glycerol is the backbone of triglycerides and an important intermediate in energy metabolism being involved in both oxidative and synthetic processes. The measurement of circulating levels of glycerol and free fatty acids are considered to reflect lipolysis and are therefore useful parameters to evaluate in various conditions. The measurements of glycerol is also useful for correction of glycerol interference when measuring triglycerides in reference materials and in serum from patients with elevated glycerol concentrations. The Glycerol Assay provides a simple, reproducible, and sensitive tool for measurement of glycerol in plasma and serum. The assay employs a coupled enzymatic reaction system that yields a brilliant purple product with an absorbance maximum at 540 nm.

Storage

-20°C

Kit Components

Glycerol Standard: 1 vial/400 μl Standard Diluent Assay Reagent (5X): 1 vial/4 ml Sodium Phosphate Assay Buffer: 1 vial/4 mlGlycerol Enzyme Mixture: 1 vial 96-Well Solid Plate (Colorimetric Assay): 1 plate 96-Well Cover Sheet: 1 cover

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