

Glycerol Colorimetric Assay Kit

Cat. No. Kit-1957 Lot. No. (See product label)

SPECIFICATION

Product Overview

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 ml Glycerol Enzyme Mixture: 1 vial 96-Well
Solid Plate (Colorimetric Assay): 1 plate 96-Well Cover Sheet: 1 cover

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA