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

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