

Free Glycerol Colorimetric/Fluorometric Assay Kit

Cat. No. Kit-1081 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description	Glycerol is widely used in foods, beverages, solvents, pharmaceutical and cosmetic products, etc. There is broad interest in quantification of glycerol for research and development. Glycerol Assay Kit provides a sensitive, easy assay to measure free glycerol concentration in various samples. In the assay, glycerol is enzymatically oxidized to generate a product which reacts with the probe to generate color ($\lambda = 570$ nm) and fluorescence (Ex/Em = 535/587 nm). The kit can detect 50 pmol-10 nmol (or 1~10000 μ M range) of glycerol in various samples.
Applications	The kit can detect 50 pmol-10 nmol (or 1~10000 μ M range) of glycerol in various samples.
Storage	-20°C
Shipping	Gel Pack
Size	100 assays
Kit Components	Glycerol Assay Buffer; Glycerol Probe (in DMSO, anhydrous); Glycerol Enzyme Mix (lyophilized); Glycerol Standard (100 mM)
Detection method	Absorbance (570 nm) or Fluorescence (Ex/Em 535/587 nm)
Features & Benefits	Simple procedure; takes ~ 40 minutes;

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Fast and convenient;

The kit provides an accurate assay for measuring free glycerol in various samples

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