



# Free Glycerol Colorimetric/Fluorometric Assay Kit

## Product Information

### Cat

Kit-1081

### Cat.No.

Kit-1081

### 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  $\mu$ M range) of glycerol in various samples.

### Applications

The kit can detect 50 pmol-10 nmol (or 1~10000  $\mu$ 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



CREATIVE **BIOMART**<sup>®</sup>  
Assay Kit

## **Free Glycerol Colorimetric/Fluorometric Assay Kit**

Simple procedure; takes ~ 40 minutes;

Fast and convenient;

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

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)

Fax: 1-631-938-8127

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