CREATIVE BIOMART®
Assay Kit

Free Glycerol Colorimetric/Fluorometric Assay Kit

Product Information

Cat

Kit-1081

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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 (λ= 570 nm) and fluorescence (Ex/Em = 535/587 nm). The kit can detect 50 pmol-10 nmol (or 1~10000 μM range) of glycerol in various samples.

Applications

The kit can detect 50 pmol-10 nmol (or 1~10000 μM 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); GlycerolStandard (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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Free Glycerol Colorimetric/Fluorometric Assay Kit

Fast and convenient;
The kit provides an accurate assay for measuring free glycerol in various samples

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