



Aldehyde Assay Kit (Blue Color)

Product Information

Cat.No.

Kit-0070

Product Overview

Aldehyde Assay Kit (Blue Color) is a colorimetric assay for the quantification of aldehydes in a variety of applications with absorbance at 620 nm.

Description

The formation, reactivity and toxicity of aldehydes resulted from the peroxidation of lipids of cellular membranes have received great attention in recent years. Rapid and accurate measurement of aldehydes is an important task for biological research, chemical research, food industry and environmental pollution surveillance. There are a few reagents or assay kits available for quantifying aldehydes. Most of the existing aldehyde test methods are based on separations either by the tedious and expensive HPLC-MS or GC-MS.

Applications

Aldehyde Assay Kit (Blue Color) uses a proprietary sensor that generates a chromogenic product with an absorbance at 620 nm upon reacting with an aldehyde.

Usage

For research use only (RUO)

Storage

Keep at -20°C. Avoid exposure to light.

Kit Components

Component A: AldeView Blue 2 bottles
Component B: Assay Buffer 25 mL
Component C: AldeView Blue Enhancer 10 mL
Component D: Aldehyde Standard 1 vial

Detection method Colorimetric

Features & Benefits



CREATIVE **BIOMART**[®]
Assay Kit

Aldehyde Assay Kit (Blue Color)

Broad Application: Used for quantifying aldehydes in a variety of applications, such as enzyme reactions. Sensitive: Detect as little as 0.3 nanomoles of aldehyde in a 100 μ L assay volume. Continuous: Easily adapted to automation without a separation step.

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