CREATIVE BIOMART®
Assay Kit

# 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 bottlesComponent B: Assay Buffer 25 mLComponent C: AldeView Blue Enhancer 10 mLComponent D: Aldehyde Standard 1 vial

**Detection method** Colorimetric

**Features & Benefits**

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 µL assay

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volume.Continuous: Easily adapted to automation without a separation step.

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