



## Aldehyde Fluorometric Assay Kit

### Product Information

#### Cat.No.

Kit-0071

#### Product Overview

Aldehyde Assay Kit (Fluorometric) is a fluorescent assay for the quantification of aldehydes in a variety of applications.

#### Description

The formation, reactivity and toxicity of aldehydes originating 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 the number of 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 (Fluorometric) is used for quantifying aldehydes at higher pH. This kit uses a fluorogenic dye that generates a strongly fluorescent product upon reacting with an aldehyde.

#### Usage

For research use only (RUO)

#### Storage

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

#### Kit Components

Component A: Aldelight Blue 1 vial  
Component B: Assay Buffer 30 mL  
Component C: Reaction Buffer 6 mL  
Component D: Aldehyde Standard 1 vial  
Component E: DMSO 100 &mu;l

**Detection method** Fluorometric

#### Features & Benefits



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

## Aldehyde Fluorometric Assay Kit

Broad Application: Used for quantifying aldehydes in a variety of applications, such as enzyme reactions. Sensitive: Detect as little as 0.3 nanomole of aldehyde in a 100  $\mu$ L assay volume. Continuous: Easily adapted to automation without a separation step. Convenient: Formulated to have minimal hands-on time. Non-Radioactive: No special requirements for waste treatment.

---

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