Aldehyde Assay Kit (Blue Color)

Cat. No. Kit-0070 **Lot. No.** (See product label)

SPECIFICATION

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 µ

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

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