Hydrogen Peroxide Assay Kit (Megaplex Red)

Catalog Number: CAK0096

Price: Online Inquiry

Product Information

Product Name	Hydrogen Peroxide Assay Kit (Megaplex Red)
Content	1000 assays / 100 assays / 400 assays
Description	This kit is used for the determination of hydrogen peroxide.
Sample Type	Food and beverage samples, paper, waste treatment samples, etc.
Analytes	Hydrogen Peroxide
Instruments	Spectrophotometer, Microplate, Auto-analyser
Detection Method	Absorbance, Fluorescence
Wavelength (nm)	Fluorescence: 530-560 (ex), ~ 590 (em); Absorbance: 570
Signal Response	Increase
Linear Range	Fluorescence: 0.0034-0.17 μg of H_2O_2 per (0.1-5 μM in-assay); Absorbance: 0.034-0.68 μg of H_2O_2 per (1-20 μM in-assay)
Limit of Detection	Fluorescence: 0.0034 ug/mL; Absorbance: 0.25 ug/mL
Assay Time	Fluorescence: 30 min; Absorbance: 30 min
Reproducibility	Fluorescence: 8%; Absorbance: 8%
Advantages	Ability to run in fluorescence or absorbance mode
Shipping Temperature	Ambient
Expiration Date	> 2 years
Storage Temperature	See individual component labels
Signal Word	Danger
Hazard Statements	H301
Precautionary Statements	P264, P270, P301+P310, P321, P330

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