

PI Reagent (50µg/mL)

Cat. No: E-CK-A161

Size: 50 Tests/100 Tests/200 Tests/500 Tests

Cat.	Products	50 Tests	100 Tests	200 Tests	500 Tests	Storage
E-CK-A161	PI Reagent (50µg/mL)	250 µL	500 µL	1 mL	1.25 mL×2	2~8 °C, shading light

General Information

Product Form	Liquid
Concentration	50 µg/mL
CAS No.	25535-16-4
Molecular formula	C ₂₇ H ₃₄ I ₂ N ₄
Dyeing position	Nucleus
Sensibility	Easy to absorb moisture and sensitive to light.
Storage	2~8 °C, shading light. Avoid freeze / thaw cycles.
Expiration date	12 months.

Application

Propidium iodide (PI) is a nuclear staining reagent that can stain DNA. It is an analog of ethidium bromide that releases red fluorescence after being intercalated with double-stranded DNA. It is often used for the detection of apoptosis or necrosis, and is often used for flow cytometry analysis.

Notes

1. This product is for research use only.
2. This product is irritating, please be careful when handling it and avoid direct contact with the human body or inhalation.
3. For your safety and health, please wear lab coats and disposable gloves for operation and follow the procedures of laboratory reagent operation.
4. Detect apoptosis as soon as possible after staining to avoid the increase number of apoptosis or necrosis.
5. Avoid extended exposure of the samples to direct light to protect the fluorophores from quenching.

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