

**Product Name: Propidium Iodide (PI)**

**Catalog Number: RA20041**

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## Basic Information

Product Name	Propidium Iodide (PI)
Size	50mg
Storage	4 °C, away from light
Shipping	Shipped with ice pack
Validity	12 months

## Experimental procedures

1. Prepare a 10-50  $\mu$ M PI solution by dissolving it in MeOH or DMSO.

Note: Once the solution is prepared, please store it in aliquots to avoid repeated freezing and thawing that may cause the product to become ineffective.

2. Add PI solution at 1/10 the volume of culture medium to the cell culture medium (you can also use PI buffer at 1/10 concentration instead of culture medium).

3. Incubate cells at 37°C for 10-20 min.

4. Wash cells twice with PBS or appropriate buffer.

5. Observe the cells using a fluorescence microscope with a filter set to 535 nm for excitation and 615 nm for emission.

Propidium Iodide Excitation/Emission Wavelength: 493 / 636 nm

Propidium Iodide Excitation/Emission Wavelength: 535 / 617 nm

**Note: This reagent is for scientific research use only!**