



## Propidium Iodide/Antifade Solution

**CATALOG NUMBER:** S7112

**LOT NUMBER:**

**QUANTITY:** 1 mL

**DESCRIPTION:**  
phenylphenanthridinium

Propidium Iodide: {3,8-diamino-5-[3-(diethylmethylammonio)propyl]-6-diodide}. Antifade Solution: p-Phenylenediamine and glycerol in PBS solution. 2.5µg/mL Propidium Iodide (PI) suspended in Antifade.

**APPLICATIONS:**

Propidium Iodide is a nuclear fluorescent stain used for counterstaining paraffin-embedded, formalin-fixed tissue, to discriminate between live vs. dead cells in flow cytometry, and staining metaphase chromosomes or interphase nuclei that have been hybridized with probes detected with Fluorescein, or equivalent fluorors. Antifade prevents the permanent loss of fluorescence or fluorescent signal quenching due to photobleaching and prolonged exposure to high intensity light sources.

**Materials Provided**

Each vial contains 1 mL of Propidium Iodide/Antifade Solution.

**Warnings and Precautions**

Propidium Iodide is a potential carcinogen. Antifade is a potential toxin and irritant. Use extreme caution. Avoid contact with eyes, skin and mucous membranes. Wear gloves and a lab coat when handling. Follow your institution's guidelines for hazardous waste disposal. Keep tightly capped and limit exposure to light.

**Related Products**

Antifade Solution S7114  
DAPI/Antifade Solution S7113  
Propidium Iodide Solution S7109

**STORAGE/HANDLING:** Recommended Storage  
-15°C to -25°C  
Protect from light

For research use only; not for use as a diagnostic