

Propidium Iodide (PI) Staining Kit

Catalogue No.: abx097208

Propidium Iodide (PI) Staining Kit contains propidium iodide (PI), a red fluorescent stain that binds to DNA by intercalating between the bases. PI is unable to enter living cells, and so it stains cells that have undergone apoptosis, necrosis or fixation.

Kit components:

- Propidium Iodide Chromagen (1 mg/ml): 100 µl
- Dilution Buffer: 20 ml

Target: Propidium Iodide (PI)

Tested Applications: IF/ICC

Recommended dilutions: IF/ICC: 5 µg/ml (dye concentration). Optimal dilutions/concentrations should be determined by the end user.

Storage: Store the Propidium Iodide Chromagen at -20 °C, and the dilution buffer at 4 °C. Avoid exposure to light.

Buffer: Contains propidium iodide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Directions for use: For double or triple fluorescence staining in immunofluorescence tests, PI staining is the last step after incubating the antibodies.

For cultured cells, add 10 µl of Propidium Iodide Chromagen to 2 ml Dilution Buffer in the same tube. Mix thoroughly (dye concentration is 5 µg/ml). Incubate for approximately 5 minutes in the dark at 30 °C, then wash with PBS/TBS 3 times, 3 minutes each time.