ApoScreen® Propidium Iodide (PI)

Overview

Propidium Iodide (PI) is a ready-to-use cell viability dye for the exclusion of nonviable cells in flow cytometry analysis. The solution can be used in conjunction with fluorescein (FITC), cyanine-5 (CY5), and allophycocyanin (APC) conjugated Annexin V to distinguish cells that are in the early versus late stages of apoptosis. Excitation/emission – 536/617 nm

Applications

FC – Quality tested 1-4

Working Dilutions

| Flow Cytometry | Propidium iodide | 10 \( \mu \text{L}/10^6 \text{ cells} \)
|----------------|------------------|------------------|
| For flow cytometry, the suggested use of these reagents is in a final volume of 100 \( \mu \text{L} \)

Other Applications

Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

Handling and Storage

- ApoScreen® Propidium Iodide (PI) is supplied as 100 tests in 1.0 mL of ApoScreen® Annexin V Binding Buffer. Store at 2-8°C.
- Protect from light. Reagent is stable for the period shown on the label if stored as directed.

Warning

Reagent contains sodium azide. Please refer to product specific SDS.

References


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