

Technical Data Sheet

Product

**Propidium Iodide**

Cat. Number/Size

**EXB0018**

**100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

Reactivity

Broad

Application

FC (QC tested)

Description

The propidium iodide (PI) solution is intended to evaluate cell viability and/or discriminate late apoptotic or necrotic cells by flow cytometry. PI is an intercalating agent and a fluorescent molecule. It binds to double stranded DNA, but is excluded from cells with intact plasma membranes.

Contents

Propidium iodide (PI) - 1 vial (0.5 ml) of Ready-to-use solution. No reconstitution is necessary.

Excitation laser

blue (488 nm)

Formulation

Propidium iodide (PI) diluted in deionized water (0.1 mg/ml).

Storage and handling

Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References

[www.exbio.cz](http://www.exbio.cz)

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