



	Technical Data Sheet	
Product	Propidium Iodide	
Cat. Number/Size	EXB0018	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
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. It can be excited by blue laser (488 nm) and its emission maximum is 617 nm.	
Contents	Propidium iodide (PI) - 1 vial (0.5 ml) of Ready-to-use solution. No reconstitution is necessary. Sufficient for 100 tests.	
Application details	Flow cytometry: The reagent is designed for analysis of 10 ⁶ cells using 5 µl of the reagent.	
Excitation laser	blue (488 nm)	
Concentration	0.1 mg/ml	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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