



## DNA Content Quantitation Assay [Cell Cycle]

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The cell cycle is the process by which the continuous division of cells from the end of mitosis to the end of the next mitosis. In this process, cellular genetic material of the cell is duplicated and doubled, and divided into two sub cells at the end of the division. DNA cycle detection can be used to reflect the cell cycle of each phase. Based on the combination ability of intracellular DNA and fluorescent dye (Propidium Iodide, PI). The DNA content of cells in different periods binding different fluorescent dyes, the fluorescence intensity detected by flow cytometry will be different.

This kit can be applied to detect the DNA content (cell cycle) of cultured cells (suspension, adherent).

Catalog No.	520110
Size	20 Assays / 50 Assays
Product Category	Cell Detection
Kit Components	1. Rnase A 2. Propidium Iodide
Storage/Stability	-20°C/1 year
Shipping	Gel Packs