# Fixable Dead Cell Staining Kit (Blue Fluorescence 405)

**Cat. No.** Kit-0270 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Fixable Dead Cell Staining Kit (Blue Fluorescence 405) is a set of tool used to evaluate the viability of mammalian cells by flow cytometry. |
| **Description** | The Fixable Dead Cell Staining Kit (Blue Fluorescence 405) is a set of tools used to evaluate the viability of mammalian cells by flow cytometry. The fluorescent dyes provided in the kits are retained in cells by reacting with cellular components. For viable cells, only the cell-surface amines are available to react with the dyes while for the necrotic cells or the other cells with compromised membranes, the reactive dyes react with cell surface amines and intracellular amines, resulting in more intense fluorescent staining. The difference in fluorescence intensity between the live and dead cell populations is ~100-500 folds and can be completely preserved after fixation. |
| **Usage** | For research use only (RUO) |
| **Storage** | Keep in freezerProtect from moisture and lightAvoid repeated freeze-thaw cycles |
| **Kit Components** | Component A: Reactive Dye 1 vialComponent B: DMSO 200 µ |
| **Compatible Sample Types** | Cells |

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