

7-AAD Viability Staining Solution

Product Description

Cat. Number: BF00130

Quantity Size: 200Tests

Description: 7-AAD (7-amino-actinomycin D) has a high DNA binding constant and is efficiently excluded by intact cells. It is useful for DNA analysis and dead cell discrimination during flow cytometric analysis. When excited by 488 laser light, 7-AAD fluorescence is detected in the far red range of the spectrum (650 nm long-pass filter).

Product Details

Format: Liquid

Concentration: 50ug/ml, in 0.01M PBS(pH7.2) with 0.09%(W/V) sodium azide.

Storage: Store at 2-8 °C. Protect from light.

Application: FC - Quality tested. 7-AAD Viability Staining Solution can be used as a viability probe for methods of nonviable cell exclusion.

Excitation Laser: Blue Laser (488 nm)

Recommended Usage: For dead cell exclusion, resuspend cell pellet in 0.5 mL of Cell Staining Buffer and add 5 µl of 7-AAD per million cells and incubate for 5-10 minutes in the dark before analysis. The analysis of the cells should be done as soon as possible after the incubation with the dye.

Preparation CAUTION: 7-AAD is a potential carcinogen. It is recommended that the user wear protective clothing, gloves, and eye/face protection in order to avoid contact with skin and eyes.