

7-AAD Viability Staining Solution

Catalog # / Size: 420403 / 200 tests
420404 / 500 tests

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.

Formulation: PBS, pH 7.2 with 0.09% (w/v) sodium azide.

Concentration: 50 µg/ml

Storage: Protect from light. Store between 2°C and 8°C.

Applications:

Applications: FC - *Quality tested*

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.

We recommend utilizing our Fluorescence Spectra Analyzer to determine compatibility of 7AAD with other fluorochromes.

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

Application References:

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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).

Other Names: Viability dye, dead cell exclusion dye, cell viability dye

Antigen References: 1. Schmid I, *et al.* 1992. *Cytometry.* 13:204

Related Products: Product

Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone

Application

FC, ICC, ICFC
FC, ICFC

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