Version: 2 Revision Date: 05/21/2024

品牌	货号	产品名称	规格	报价
KEL Biotech	KF100-500 tests	KELFlo™ 7-AAD Viability Staining Solution 7AAD活性染色液	500T	询价

Regulatory Status级别 RUO

Other Names其他名称 Viability dye, dead cell exclusion dye, cell viability dye

Description描述 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产品详细信息：

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

Preparation准备工作 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.

Concentration浓度 50 µg/ml

Storage & Handling储存和运输 Protect from light. Store between 2°C and 8°C.

Application应用 FC - Quality tested

Recommended Usage使用建议 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.

Excitation Laser激发光 Blue Laser (488 nm)

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

Additional Product Notes其他产品说明 View more applications data for this product in our Scientific Poster Library.

Application References

(PubMed link indicates)应用参考

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Product Citations
文献引用

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11. Nagamachi A, *et al.* 2021. J Clin Invest. 131:. PubMed
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Antigen Details抗原详细信息：

Biology Area	Cell Biology, Cell Cycle/DNA Replication, Cell Proliferation and Viability, Neuroscience
Antigen References	1. Schmid I, *et al.* 1992. *Cytometry.* 13:204