

Technical Data Sheet

Product

**7-AAD Viability Staining Solution**

Cat. Number/Size

**EXB0026**

**400 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

Application

FC (QC tested)

Description

The 7-AAD (7-aminoactinomycin D) solution is intended to evaluate cell viability and/or discriminate late apoptotic or necrotic cells by flow cytometry. 7-AAD is an intercalating agent and a fluorescent molecule. It binds to double stranded DNA, but is excluded from cells with intact plasma membranes. It can be excited by blue laser (488 nm) and its emission maximum is 647 nm.

Contents

7-AAD - 1 vial (2 ml) of Ready-to-use solution. No reconstitution is necessary. Sufficient for 400 tests.

Application details

Flow cytometry: The reagent is designed for analysis of  $10^6$  cells using 5  $\mu$ l of the reagent.

Excitation laser

blue (488 nm)

Concentration

0.05 mg/ml

Storage and handling

Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References

[www.exbio.cz](http://www.exbio.cz)

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