

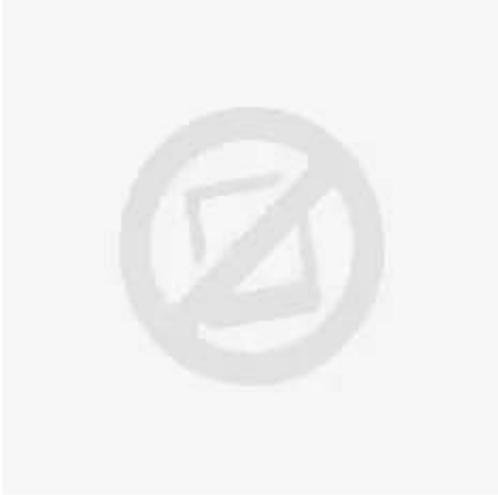
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eBioscience™ Fixable Viability Dy...



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Invitrogen™

# eBioscience™ Fixable Viability Dye eFluor™ 780

Fixable Viability Dye eFluor™ 780 is a viability dye that can be used to irreversibly label dead cells prior [Read more](#)

Have Questions? [Contact Us](#)

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Catalog Number	Quantity
<a href="#">65-0865-14</a>	100 Tests
65-0865-18	500 Tests

**Catalog number** 65-0865-14

Price (CAD) / 100 tests

**158.65**

Online exclusive

~~173.00~~

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**Quantity:** 100 Tests

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- Product Overview**
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Fixable Viability Dye eFluor™ 780 is a viability dye that can be used to irreversibly label dead cells prior to cryopreservation, fixation and/or permeabilization procedures. Unlike 7-AAD and propidium iodide, cells labeled with Fixable Viability Dyes can be washed, fixed, permabilized, and stained for intracellular antigens without any loss of staining intensity of the dead cells. Thus, using Fixable Viability Dyes allows dead cells to be excluded from analysis when intracellular targets are being studied. Fixable Viability Dyes may be used to label cells from all species.

Fixable Viability Dye eFluor™ 780 can be excited by the red (633 nm) laser line and has a peak emission of 780 nm that can be detected using a 780/60 band pass filter (equivalent to APC-eFluor™ 780 or APC-Alexa Fluor™ 750). Please make sure that your instrument is capable of detecting this dye. For compensation, it is recommended to use a sample of the cells of interest stained with the Fixable Viability Dye. If the percentage of dead cells is expected to be less than 5%, then it is recommended to take a small aliquot of cells and heat them at 65°C for 1 minute then immediately place on ice for 1 minute. After this treatment, the heat-killed cells can be combined 1:1 with live cells and then stained with the Fixable Viability Dye. Our testing suggests that compensation out of most detectors is negligible, with compensation out of PE-Cyanine7 being the highest at less than 5%. Actual compensation values will depend on each investigator's specific instrument, filter sets, and PMT voltage settings.

Fixable Viability Dye eFluor™ 780 is supplied as a pre-diluted solution prepared in high-quality, anhydrous DMSO. It should be protected from light and moisture. Store at -70°C with dessicant. It may be freeze-thawed up to 20 times. Allow vial to equilibrate to room temperature before opening.

**Reported Application**

Flow Cytometric Analysis

For Research Use Only. Not for use in diagnostic procedures.

<b>Specifications</b>	
<b>Color</b>	Infrared
<b>Detection Method</b>	Fluorescence
<b>For Use With (Application)</b>	Viability Assay
<b>For Use With (Equipment)</b>	Flow Cytometer
<b>Product Type</b>	Dye

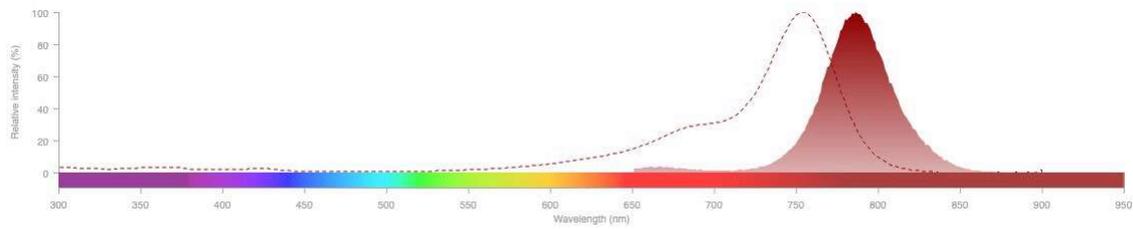
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Quantity	100 Tests
Unit Size	100 tests

### Fluorescence spectra

[Open in SpectraViewer](#)



### Figures

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**Data for Fixable Viability Dye eFluor™ 780**

### Customers who viewed this item also viewed

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## Documents & Downloads

### Certificates



Lot #	Certificate Type	Date	Catalog Number(s)
<a href="#">2850327</a>	Certificate of Analysis	May 15, 2024	65-0865-14
<a href="#">2851407</a>	Certificate of Analysis	Mar 25, 2024	65-0865-14
<a href="#">2752777</a>	Certificate of Analysis	Mar 07, 2024	65-0865-14
<a href="#">2752776</a>	Certificate of Analysis	Dec 19, 2023	65-0865-14
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### Safety Data Sheets



### Product Information

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## Frequently asked questions (FAQs)

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Can Fixable Viability Dyes be used with the eBioscience BrdU Staining kits for Flow Cytometry?

