

Protocol

1. Dilute 1 part cell sample with 1 part 2X AdvanStain Cell Viability Staining Solution.
2. Pipette up and down several times to mix the sample.
3. Transfer the sample to a hemocytometer or a cell counting slide compatible with your automated cell counter.
4. Incubate at room temperature for 1–2 minutes.
5. Count the stained cells using a microscope or an automated cell counter.exponential fit.

For More Information



visit <https://products.advansta.com/AdvanStain-Cell-Viability-Staining-Solutions> or go directly to the web-page by scanning the QR-code with your favorite bar-code scanner app on your smart phone.

Advansta Corporation

2140 Bering Drive | San Jose, CA 95131

Tel: 650.325.1980 | Fax: 650.325.1904

Email: support@advansta.com

www.advansta.com

AdvanStain-Cell Viability Staining Solutions

Fast and reliable dyes for accurate cell counting
and viability assessment

For Catalog Numbers

R-03190-D10

AdvanStain-Trypan Blue Cell
Viability Staining Solution, 100mL

R-03191-B50

AdvanStain-AO/PI Cell Viability
Staining Solution, 5mL



AdvanStain-Cell Viability Staining Solutions

Description

AdvanStain-AO/PI and Trypan Blue Cell Viability Staining Solutions are provided as ready-to-use formulations, each provided as a 2X concentrate. Just add an equal volume of cell sample to the 2X dye solution and count. Each cell viability staining solution is formulated with a precise dye concentration, ensuring minimal lot-to-lot variation for consistent and reproducible results. Formulated with high-purity dyes, our stains ensure minimal background noise and deliver precise, reliable cell viability counts every time.

Contents

- 100mL 2X AdvanStain Trypan Blue Cell Viability Staining Solution
or
- 5mL 2X AdvanStain AO/PI Cell Viability Staining Solution

Additional Materials Required

- Hemocytometer and Brightfield Microscope
or
- Cell counting slides and automated cell counter equipped with brightfield imaging for Trypan Blue stain or with
Ex/Em: 480(30)/535(40)nm (Acridine Orange) and
Ex/Em: 540(25)/620(60)nm (Propidium Iodide) for AO/PI stain

Storage Information

- AdvanStain-Trypan Blue Cell Viability Stain is stable for one year when stored under sterile conditions at room temperature.
- AdvanStain-AO/PI Cell Viability Stain is stable for one year when stored under sterile conditions at 4°C.

Warnings and Precautions

- AdvanStain-Cell Viability Dyes are for research use only
- Always wear gloves when handling reagents.
- Refer to SDS for additional safety information.
- This product is guaranteed to be free of manufacturer defects, and to function as described when the enclosed protocol is followed by properly trained personnel.

