Troubleshooting & FAQ, continued

Problem	Possible Solutions
Uneven staining	• Check that the blot is completely immersed in the staining solution. • Ensure even agitation by incubating on orbital shaker. • Improve transfer, making sure that the membrane and the gel are assembled correctly and tightly in your transfer apparatus, and adequate pressure is applied.

For More Information

visit **http://advansta.com/products/AdvanStain-Iris** or go directly to the web-page by scanning the QR-code with your favorite bar-code scanner app on your smart phone.

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AdvanStain™ Iris

High sensitivity stain for nitrocellulose and PVDF membranes

For Catalog Number

R-03732-D25 AdvanStain Iris, 250mL

advansta

May 30, 2019 | D-26041-404

Storage Information

AdvanStain Iris is stable at room temperature (4°-25°C) for at least one year.

Warnings and Precautions

- AdvanStain Iris is for research use only.
- Always wear gloves when handling membranes and reagents.
- Refer to SDS for additional safety information.
- The product is guaranteed to be free of manufacturer defects, and to function as described when the provided protocol is followed by properly trained personnel.

Short Protocol

1. Following the transfer, immerse the blot in water (at least 0.2mL/cm^2 membrane) for 5 minutes with gentle agitation.
2. Decant water and dispense 10mL of AdvanStain Iris solution (at least 0.2mL/cm^2 membrane) for 10 minutes with gentle agitation.
3. Image the blot for permanent record (Visible or EPI Blue).
4. Continue with Western blot procedure.

Troubleshooting & FAQ

AdvanStain Iris is a quick and easy method for staining membrane-bound proteins and to check the quality of protein transfer before performing a Western blot assay. Some common questions are addressed below.

Problem	Possible Solutions
High background	• Increase washing time with water.
No or low signal	• Ensure effective electrophoretic transfer: check electrical source and verify transfer was performed in the right direction, optimize the transfer time and voltage conditions, ensure good contact was established between membrane and gel, make sure proper transfer buffer was used. • If using PVDF, check that the membrane is fully hydrated before incubating with stain. Rewet in methanol if necessary.
White spots within bands	• Improve transfer, making sure to remove any bubbles between the gel and the membrane.