



SIGMA-ALDRICH

3050 Spruce Street
Saint Louis, Missouri 63103 USA
Telephone 800-325-5832 • (314) 771-5765
Fax (314) 286-7828
email: techserv@sial.com
sigma-aldrich.com

Product Information

BRILLIANT BLUE R STAINING SOLUTION for Immunoelectrophoresis and Ouchterlony

Product No. **B6529**
Store at room temperature

Product Description

Brilliant Blue R Staining Solution has been designed for protein staining in immunoelectrophoresis and ouchterlony gels. It contains 0.5% (w/v) dye in a mixture of ethanol:acetic acid:H₂O with a ratio of 9:2:9 (v/v/v).

Procedure

Procedure for Staining IEP or Ouchterlony Gels

A. Prepare gel for staining

- 1) After completion of immunoelectrophoresis or immunodiffusion, soak the gel in deionized water for 15-30 minutes.
- 2) Remove the gel from the deionized water and press under several layers of filter paper and a weighted glass plate for 20-30 minutes.
- 3) Soak gel in 0.9% sodium chloride for at least 30 minutes.
- 4) Press gel as described in step A.2.
- 5) Repeat steps A. 1-4 three times.
- 6) Dry the gel COMPLETELY with a hair dryer or in a gel drying apparatus.

B. Staining the gel

- 1) Immerse the dried gel in the staining solution for 15-30 minutes.
- 2) Destain the gel in 10% acetic acid with 2-3 changes of destaining solution until a clear background is obtained.
- 3) Dry the gel and store at room temperature.

6/99

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply.

Please see reverse side of the invoice or packing slip.