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Certificate of Analysis

Pyronin Y Reagent

Catalog # 20-214

Lot # DAM1437179

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Product Description: Gel marker dye used during electrophoresis. Clear dark red solution.

Quantity: 10 μ l of Pyronin Y in distilled water, 10mg/ml concentration.

Storage and Stability: Stable for 1 year from date of shipment. Store at room temperature.

Note: Harmful liquid reagent. Read MSDS before use.

**FOR RESEARCH USE ONLY
NOT FOR USE IN HUMANS**

Preparation of 2X Sample Loading Buffer containing Pyronin Y

1. Add 2 μ l of Pyronin Y Reagent to 1ml of 2X Sample Loading Buffer. Prepare protein sample for running on SDS-polyacrylamide gel electrophoresis (SDS-PAGE) as usual.
2. Perform SDS-PAGE on protein sample and transfer to nitrocellulose. The Pyronin Y dye front (pink) will run slightly above any bromophenol blue in your sample buffer, and will also transfer to the nitrocellulose.

NOTE: If desired, the top of membranes may be marked with Pyronin Y as well. Stop electrophoresis when the dye front is one-half to three-quarters of the way down the gel. Apply a small amount of 1X SDS-PAGE sample buffer (containing Pyronin Y) into the lanes, and then resume electrophoresis. Upon transfer, this will result in a pink spot at the top and bottom of each gel lane on the nitrocellulose membrane.

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.