

Bluing Solution

PRODUCT INFORMATION:

PS030 2.5Lit
PS030 1000ml
PS030 500ml

INTENDED USE

For laboratory use only

This product used in immunohistochemical techniques as a tap water substitute to enable fast and accurate bluing of nuclear chromatin and membranes of the cell nucleus.

SUMMARY AND EXPLANATION

Bluing solution is a solution which allows the bluing of nuclei stained with Hematoxylin.

The hematoxylin gives a reddish hue to the tissues because of its acidic pH. To convert this colour to the final blue, alkaline pH is required. This process is called "bluing". It can be used for both histological or cytological staining.

PRINCIPLE OF THE PROCEDURE

Followed by Hematoxylin staining in IHC or H&E procedure of a histological specimen,

1. Add PathnSitu's Bluing Solution until nuclei are blue (1-2 minutes).
2. Rinse in Tap water.
3. Dehydrate, clear, and mount in permanent mounting medium.

STORAGE AND HANDLING

Store at RT, up to 9 months from the date of manufacture (see product label for expiration date). If desired, the solution may be stored at 4° C or less. Some salts may precipitate out of solution at lower temperature. Allow buffer to equilibrate to room temperature (18° to 26° C) to restore solubility of salts.

LIMITATIONS AND WARRANTY

1. Authorized and skilled/trained personnel only may use the product.
2. The clinical interpretation of any test results should be evaluated within the context of the patient's medical history and other diagnostic test results.
3. A qualified trained pathologist must perform the evaluation of the test results.
4. The product comes with no warranties beyond the provided description
5. Use appropriate volume/concentration to cover entire tissue sections and optimum conditions to avoid false positive and negative results.
6. Use appropriate/recommended buffer/instruments/all consumables with appropriate incubation timings to obtain optimal results.
7. Always recommend using known positive and negative controls to evaluate the test result.
8. Unexpected reactions may occur in untested tissues due to tissue component variability.
9. False positive results can arise from no stringent washing practices and other contributing factors.
10. In instances where localization differs from the specifications outlined in the datasheet, clinical coordination or prompt technical support is advised.
11. Maintain recommended storage conditions.
12. Refer entire data sheet to know any further limitations about the product.
13. No warranties whether expressed or implied, extend beyond the description.
14. PathnSitu is not liable for property damage, personal injury, time or effort or economic loss caused by this product.

TROUBLESHOOTING

Refer to reagent-specific protocol recommendation according to data sheet provided. If unusual results occur, contact PathnSitu Technical Support at +91-40-2701 5544 or E-mail: techsupport@pathnsitu.com.

Laboratory Use Only

REFERENCES

1. Sheehan, D.C. et Hrapchak, B.B. (1980): Theory and Practice of Histotechnology, 2nd ed St. Louise: CV Mosby Co.
2. Kiernan J. A. (2008) Histological and histochemical methods, 4th ed. Bloxham: Scion Publishing Ltd.

EXPLANATION OF SYMBOLS



Lot number / Batch number



Expiry



Manufacturer address



Storage limitation



Date of manufacture



Catalogue number