

# Tacha's Bluing Solution, 10X

Bluing Reagent for Hematoxylin  
901-HTBLUX-071417

**BIOCARE**  
M E D I C A L

**Catalog Number:** HTBLU-MX

**Description:** 500 MI

## Intended Use:

For In Vitro Diagnostic Use

## Summary & Explanation:

Tacha's Bluing Solution is highly stable and is designed for bluing hematoxylin stained nuclei. It can be used for both paraffin and frozen sections.

## Known Applications:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

## Supplied As:

10X concentrate

## Materials and Reagents Needed But Not Provided:

Microscope slides, positively charged

Desert chamber\* (Drying oven)

Positive and negative tissue controls

Xylene (Could be substituted with Slide Brite\*)

Ethanol or reagent alcohol

Decloaking chamber\* (Pressure cooker)

Deionized or distilled water

Wash buffer\*(TBS/PBS)

Pretreatment Reagents\*

Enzyme Digestion\*

Avidin-Biotin Blocking Kit\*(Labeled Streptavidin Kits Only)

Peroxidase block\*

Protein block\*

Primary antibody\*

Negative Control Reagents\*

Detection Kits\*

Detection Components\*

Chromogens\*

Bluing Reagent\*

Mounting medium\*

\* Biocare Medical Products: Refer to a Biocare Medical catalog for further information regarding catalog numbers and ordering information. Certain reagents listed above are based on specific application and detection system used.

## Storage and Stability:

Store at room temperature. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user. Diluted reagents should be used promptly; any remaining reagent should be stored at room temperature.

## Protocol Recommendations

Mix 1 part concentrate to 9 parts deionized water (D.I.)(1:10 dilution). Check pH. If necessary, adjust to 7.6±0.2. Solution is stable for 1 week.

## Protocol:

1. Immerse slides in Biocare's CAT Hematoxylin or Tacha's Hematoxylin for the appropriate time.
2. Wash slides in D.I. tap water.
3. Blue tissue in Tacha's Bluing Solution for 30 seconds to 1 minute.
4. Rinse in D.I. or tap water.

## Performance Characteristics:

The protocols for a specific application can vary. These include, but are not limited to: fixation, heat-retrieval method, incubation times, tissue section thickness and detection kit used. Due to the superior sensitivity of these unique reagents, the recommended incubation times and titers listed are not applicable to other detection systems, as results may vary. The data sheet recommendations and protocols are based on exclusive use of Biocare products. Ultimately, it is the responsibility of the investigator to determine optimal conditions. These products are tools that can be used for interpretation of morphological findings in conjunction with other diagnostic tests and pertinent clinical data by a qualified pathologist.

## Quality Control:

Refer to NCCLS Quality Assurance for Immunocytochemistry approved guidelines, December 1999 MM4-A Vol.19 No.26 for more information on tissue controls.

## Precautions:

Specimens, before and after fixation, and all materials exposed to them should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water. Microbial contamination of reagents may result in an increase in nonspecific staining. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change. The MSDS is available upon request.

## Troubleshooting:

Follow the antibody specific protocol recommendations according to data sheet provided. If atypical results occur, contact Biocare's Technical Support at 1-800-542-2002.

## Limitations & Warranty:

There are no warranties, expressed or implied, which extend beyond this description. Biocare is not liable for property damage, personal injury, or economic loss caused by this product.