

Immunocare TBS Wash Buffer, 10X Buffer

Control Number: 901-TWB943-090617

ISO
9001&13485
CERTIFIED

Catalog Number: TWB943 M

Description: 500 ml, concentrated

Intended Use:

For In Vitro Diagnostic Use

Immunocare TBS Wash Buffer, 10X is a Tris-buffered solution intended for use in washing formalin-fixed paraffin-embedded (FFPE) tissue sections between steps of an immunohistochemistry (IHC) procedure. The clinical interpretation of any staining or its absence should be complemented by morphological studies using proper controls and should be evaluated within the context of the patient's clinical history and other diagnostic tests by a qualified pathologist.

Summary & Explanation:

Immunocare TBS Wash Buffer (sodium azide and thimerosal free) works well for manual and automated immunohistochemistry applications as well as other laboratory procedures requiring a high quality TBS buffer with superior pH stability. The buffer contains surfactant and allows for reagents to spread more uniformly across tissue sections on slides. It has been specifically formulated with Enzyme Activator for Alkaline Phosphatase detection systems. It can also be used on an automated staining system.

Known Applications:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Supplied As:

TBS buffer with preservative.

Materials and Reagents Needed But Not Provided:

- Microscope slides, positively charged
- Desert Chamber* (Drying oven)
- Positive and negative tissue controls
- Xylene (Could be replaced with a xylene substitute*)
- Ethanol or reagent alcohol
- Decloaking Chamber* (Pressure cooker)
- Deionized or distilled water
- 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*
- Hematoxylin*
- Bluing reagent*
- Mounting media*

* 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:

1. Mix 1 part concentrated buffer to 9 parts deionized water (1:10 dilution). (Dilute contents of a full 500ml bottle of 10X Immunocare TBS Wash Buffer with 4.5 liters of deionized water.)
2. Check pH. If necessary, adjust to 7.6 ± 0.1 at 25°C.

Limitations:

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. The clinical interpretation of any positive or negative staining should be evaluated within the context of clinical presentation, morphology and other histopathological criteria by a qualified pathologist. The clinical interpretation of any positive or negative staining should be complemented by morphological studies using proper positive and negative internal and external controls as well as other diagnostic tests.

Quality Control:

Refer to CLSI Quality Standards for Design and Implementation of Immunohistochemistry Assays; Approved Guideline-Second edition (I/LA28-A2) CLSI Wayne, PA USA (www.clsi.org). 2011

Precautions:

1. This product is not classified as hazardous. The preservative used in this reagent is Proclin 950 and the concentration is less than 0.25%. Overexposure to Proclin 950 can cause skin and eye irritation and irritation to mucous membranes and upper respiratory tract. The concentration of Proclin 950 in this product does not meet the OSHA criteria for a hazardous substance. Wear disposable gloves when handling reagents.
2. 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.
3. 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.
4. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
5. The MSDS is available upon request and is located at <http://biocare.net/support/msds/>.
6. Consult OSHA, federal, state or local regulations for disposal of any toxic substances. Proclin™ is a trademark of Rohm and Haas Company, or of its subsidiaries or affiliates.

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.