

intelliPrep Solution
Instrument Maintenance Reagent
Control Number: 901-IPA5018-090617

Catalog Number: IPA 5018 G20
Description: 20ml, Ready-to-use

Intended Use:
For In Vitro Diagnostic Use
intelliPrep Solution is intended for laboratory use to clean surfaces of the intelliPATH™ probe and associated tubing which routinely contact reagents.

Summary & Explanation:
Residual reagents or contamination can be a problem that may affect staining quality on automated immunohistochemistry stainers. The intelliPrep Solution is a mild cleaning reagent. Daily use of the intelliPrep Solution has been shown to improve consistency and quality of staining.

Known Applications:
Immunohistochemistry: Removal of accumulated reagents and/or contamination in an automated stainer to improve staining quality.

Supplied As:
intelliPrep Solution (IPA5018G20) 1 x 20ml

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 xylene substitute*)
- 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*
- Hematoxylin*
- 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 2°C to 8°C. 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 2°C to 8°C.

Protocol Recommendations:

1. Use the intelliPrep Solution for cleaning of the instrument probe and associated tubing.
2. The intelliPrep Solution is recommended for daily use, or as appropriate based on instrument usage.

Staining Procedure:
Biocare protocols have been standardized using in-house antibodies, detection and accessory reagents for use on the intelliPATH automated stainer. Recommended staining protocols are specified in the data sheet of the antibody of interest. Pre-optimized intelliPATH protocols with preset parameters can be displayed, printed and edited according to the procedure in the Operator's Manual. Refer to the Operator's Manual for additional instruction to navigate intelliPATH software and stainer. Use TBS for washing steps unless otherwise specified.

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. 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. Wear eye protection, gloves and a lab coat. Use in a well ventilated laboratory and avoid inhalation.
 2. 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.
 3. Consult OSHA, federal, state or local regulations for disposal of any toxic substances.
 4. The MSDS is available upon request and is located at <http://biocare.net/support/msds>.

WARNING:
DO NOT allow intelliPrep Solution to mix with bleach. Mixing of intelliPrep Solution with bleach may result in highly toxic fumes.

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