

PAP Pen

PRODUCT INFORMATION:

REF
PS005 1 Unit

INTENDED USE

For Laboratory use only

The PathnSitu Reagent Blocker (PAP Pen) is intended for use in immunohistochemical (IHC) staining procedures to create a hydrophobic barrier around tissue sections on microscope slides. The barrier helps retain reagents within the designated staining area and minimizes reagent loss and dilution during washing and staining steps. The Reagent Blocker is suitable for use with both plain and charged microscope slides and is intended to facilitate uniform staining while reducing the volume of reagents required.

For laboratory use only. Not intended for diagnostic, therapeutic, or human or animal use.

SUMMARY AND EXPLANATION

PathnSitu offers hydrophobic pen, Reagent Blocker (PAP Pen) to encircle the section and create a barrier to prevent reagent loss during immunohistochemical staining. It is water repellent, acetone and alcohol insoluble. The Reagent blocker is well suited for both plain and charged slides. The hydrophobic circle guards the reagent and minimizes the undesirable dilution of the reagents due to washing steps. The other advantages are helps in uniform staining and greatly reduce the volume of required reagents.

PROTOCOL

1. Remove the cap from the Reagent Blocker (PAP Pen).
2. Hold the pen vertically and press the tip straight down onto a clean, hard surface until the tip becomes adequately saturated with the reagent.
3. Allow the reagent to wet the tip evenly without excessive dispensing.
4. Using gentle, continuous strokes, draw a closed circle around the tissue section on the microscope slide, creating a hydrophobic barrier around the area to be stained.
5. Allow the barrier to dry as specified in the validated staining protocol before applying reagents.
6. Apply the required staining reagents within the circled area, ensuring that the tissue section remains adequately covered throughout the staining procedure.
7. Proceed with the washing and staining steps according to the validated IHC protocol.

STORAGE

- The Reagent blocker pen can be stored at ambient temperature provided it is tightly capped.
- Keep the pen tightly capped when not in use to prevent drying of the tip.
- Store it horizontally and keep the lid on upright position.
- Store in a cool, dry place and protect from excessive heat, direct sunlight, and sources of ignition.
- Avoid excessive pressure when activating or using the pen, as this may result in uneven reagent application.
- Recap immediately after use and return the product to the recommended storage conditions.

WARNINGS & PRECAUTIONS

- Keep the cap securely closed when the pen is not in use to prevent drying of the tip.
- Do not press the pen tip excessively, as this may release an excessive amount of reagent and result in an uneven barrier.
- Use only on clean, dry microscope slides. Avoid direct contact of the pen tip with the tissue section.
- Draw a continuous, closed hydrophobic circle around the tissue section to prevent leakage of staining reagents.
- Do not allow the reagent to come into contact with the tissue unless specified by the validated procedure.
- Avoid contamination of the pen tip with tissue, staining reagents, or other laboratory materials.

Laboratory Use Only

- Do not use the product if the pen is damaged, dried out, contaminated, or shows any visible deterioration.
- Replace the cap immediately after use and store the product according to the conditions specified on the product label.
- Avoid contact with eyes, skin, and mucous membranes. In case of accidental contact, rinse thoroughly with water and follow applicable laboratory safety procedures.
- Do not reuse the pen tip between specimens if there is a risk of cross-contamination.
- Dispose of the product and any contaminated materials in accordance with local regulations and institutional laboratory waste-disposal procedures.

TROUBLESHOOTING

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

LIMITATIONS AND WARRANTY

1. This product is intended for use only by authorized, trained, and qualified personnel.
2. Maintain the product under the recommended storage conditions to preserve reagent stability and performance.
3. This product is intended for single-use application only.
4. PathnSitu makes no warranties beyond those expressly stated in the product description.
5. PathnSitu shall not be liable for property damage, personal injury, time or effort, or economic loss arising from the use of this product.
6. Please refer to the complete datasheet for all instructions, precautions, and additional product limitations.

EXPLANATION OF SYMBOLS

REF Catalogue number