

# Super Pap Pen

## Hydrophobic Barrier Pen

Control Number: 904-PEN1111-081917

**Catalog Number:** PEN1111

**Description:** Hydrophobic pen

**Intended Use:**

This product is intended for laboratory use only

**Summary & Explanation:**

The Super Pap Pen is mainly used for making hydrophobic barriers on glass slides for immunohistochemical procedures. The hydrophobic properties keep anti-sera or reagents in a confined area. This also allows the end-user to use small amounts of valuable anti serum or other reagents on the specimen. The green color will fade in alcohol or xylene. The hydrophobic barrier does not dissolve in alcohol, acetone or xylene, thus preventing contamination.

**Important Note:** Do not put the barrier on the slide prior to deparaffinization and/or heat retrieval methods. The barrier will lose its hydrophobic properties.

**Known Applications:**

Immunohistochemistry and Immunofluorescence

**Supplied As:**

1 each (PEN1111) Super Pap Pen

**Storage and Stability:**

Store the Super Pap Pen at room temperature in a vertical position with the cap down.

**Protocol Recommendations**

**How to Prime the Super Pap Pen for use:**

Invert the pen (tip down) and recess the spring-loaded tip for several seconds on a paper towel. Lift the pen off the paper towel and hold in a vertical position. Wait until the pen tip is saturated with hydrophobic liquid. The pen is now ready-for-use. The SUPER PAP PEN may require additional priming. Store the pen in a vertical position with the cap down.

**How to Use the Super Pap Pen:**

1. Deparaffinize tissue sections and hydrate to water.
2. If necessary, perform a heat retrieval method **before** applying the barrier. (Biocare's Digital Decloaking Chamber).
3. Rinse tissue sections in deionized water and drain.
4. Carefully wipe around the tissue section to remove excess water.
5. Make a square or circle hydrophobic barrier around each tissue section. The pen makes a light green barrier. Do not touch or get too close to the tissue with the Super Pap Pen
6. Place the slide in a horizontal position and add several drops of wash buffer over the tissue
7. Begin staining procedure.

**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:**

N/A

**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.

**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.