

## PAP Pen

<u>Cat No.</u>	<u>Product</u>
10-0041	Mini PAP Pen
10-0045	Super PAP Pen

**Intended Use** For In Vitro Diagnostic Use.

This product is intended to be used for immunohistochemical (IHC) procedures. The hydrophobic properties of PAP Pen allow the user to create a barrier on the slides, in any pattern, to confine the flow of reagents to a defined area.

**Reagents Supplied** One Mini PAP Pen **or** one Super PAP Pen

### Summary And Explanation

During IHC staining, it is necessary to wipe off the liquid around the sections to reduce dilution of the next reagent applied on the specimen. This is a time-consuming and tedious process. This drawback can be avoided when using PAP pen.

After drying, the circle drawn with the PAP Pen is water-repellent, and alcohol- and acetone-insoluble. The circle provides a barrier to liquids, such as antibody, enzyme, and chromogen solution applied to the sections.

Using PAP Pen can reduce turn around time for staining by eliminating the need for wiping off liquid around sections between different steps of the staining procedure. It reduces the volume of required reagent and it also provides more uniform staining results.

The PAP Pen is well-suited for use on most types of coated and uncoated microscope slides.

### Recommended Usage

Before first time use or when the pen tip is dry:

1. Press tip down against blank glass slide or paper towel to gradually moisten the felt tip with pen's liquid.  
Note: Repeat this step when pen starts to dry out.

After de-paraffinization and rehydration of tissue sections:

1. Draw a circle around tissue section with the PAP Pen.
2. Let circle dry 1-2 minutes at room temperature. Be sure not to let tissue sections dry out.
3. Continue with normal IHC process.

Note: De-paraffinization and heat-induced epitope retrieval (HIER) should be performed before use of PAP Pen since xylene dissolves the drawn circle and very high temperatures tend to destroy the hydrophobic properties of the circle.

### Storage

Store at room temperature with cap on tight and tip pointed down.

All performance claims are void after the expiration date.

### Precautions

For professional users only.

#### Risk Statements:

R10 Flammable

R36/37/38 Irritating to eyes, respiratory system, and skin

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation

R63 Possible risk of harm to the unborn child

### Symbols

 Catalog No.

 Batch No.

 In Vitro Diagnostic Use

 Temperature Range

 Use By