


PRO PAP PEN		REF	Volume
	Availability	PSD-ACF2000U-0002	2 mm
		PSD-ACF2000U-0004	4 mm

Intended use

This IHC PEN is designed for use in pathology laboratories to assist with precise application of reagents on tissue slides. It creates a hydrophobic barrier to help maintain reagent localization and prevent unwanted mixing or spreading. Suitable for use in immunohistochemistry, immunofluorescence, and other histological staining applications.

Specification

PathoSage PRO PAP PEN minimizes the consumption of liquid for immunostaining by using this PAP PEN as a "fence" on slide glass. It is very easy to use. You only draw a circle around tissue by this pen on slide glass. Then, a fence is created on the slide glass to prevent overflow of liquid for immunostaining. Two pen tip sizes, 4mm(Regular) and 2mm (Mini).

Principle of Method

Before first use:

1. Before first use, hold the pen tip upside and press the tip down for air vent.
2. Hold the pen upright to press the tip down only once until the tip becomes saturated.
3. Do step 1 again to reject ink on the tip holder, and wipe overflowing ink around the tip.
4. Remove the ink that has just come out first time.

* Be sure to close the cap after use.

Materials Provided

PathoSage PRO PAP PEN

Materials Required but not Provided

Microscope Slides

Storage and Stability

PathoSage PRO PAP PEN may be stored at ambient temperature provided it is tightly capped. Storage at 2-8 °C is also acceptable. If unexpected performance is observed which cannot be explained by variations in laboratory procedures and a problem with the IHC PEN is suspected, contact our technical services or local distributors.

Warnings and Precautions

1. When using for the first time, follow the instructions on the pen body to bleed air before using.
2. Please perform the dyeing work after the ink has dried well.
3. If too much ink comes out, wipe it off.
4. It will not function if the surfactant remains on the glass after immersion in PBS.
5. Wipe it off or immerse the glass in a buffer solution that does not contain a surfactant and let the surfactant flow.

General Limitations

- PathoSage PRO PAP PEN creates a water-repellent barrier when used on a microscope slide or coverslip
- By lightly drawing a rectangle or circle around the tissue section or cells on the microscope slide, aqueous incubation reagents can be kept inside the circle or rectangle
- Save precious reagents by incubating with less volume
- The pen can also be used to keep reagents separate when more than one tissue section is mounted on a microscope slide
- It is insoluble in alcohol and acetone, but can be removed with clearing agent (e.g., xylene)

LABEL AND BOX SYMBOLS

Explanation of the symbols of the product label and box:

	Irritant/Harmful		Flammable		Health Hazard
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