



## **PAP pen**

**Catalog number: AR1181**

This package insert must be read in its entirety before using this product.

For research use only. Not for use in diagnostic procedures.

Catalog Number: AR1181, Storage:

## Product Overview

Product Name	PAP Pen
Length	13.5 cm
Diameter	1.0 cm
Pen Tip	2.00 mm
Weight	10 g
Size	Approximate liquid volume: 3 mL. The PAP Pen is suitable for approximately 500 uses.
Heat Resistance	Can withstand temperatures of 60–120°C during experimental procedures.
Contents	Vaseline(CAS No 8009-03-8): 25-30% 1-Promopropane(CAS No 106-94-5): 20-30% Ligroin(CAS No 8032-32-4): 5-10% Synthetic rubber: 20-30% acrylic resin: 3-5% Pigment: 2-5%
Storage	Store at room temperature. Shelf life: 1 year. Avoid direct sunlight and high temperatures, and keep the pen horizontal.

## Introduction

The PAP Pen is suitable for various immunohistochemical staining experiments on glass slides, including the PAP method, ABC method, immunofluorescence, frozen sections, and in situ hybridization. It helps reduce the consumption of antibodies and reagents, prevents liquid run-off and diffusion during staining, and improves experimental efficiency.

## Product Features

1. Quick and even liquid delivery; slides are less likely to be contaminated.
2. Specimen preparation is simple; antibodies and reagents remain within the drawn circle, minimizing loss.
3. Reduces antibody and reagent use without affecting experimental results.
4. Prevents dry slides or tissue detachment caused by surface reagent loss.

## How to use

1. Shake well before use.
2. Turn the tip up and press down on the tip several times to remove air from the pen.
3. Place the pen tip on slide glass and press the tip down against the slide several times.
4. Draw a circle around the tissue on the slide.
5. After drawing the circle, dry about **30 seconds**, then dip the slide into the PBS solution.
6. After use, circles can be completely removed with Xylene

## Precautions

1. After staining, the drawn lines can be completely removed with xylene.
2. Always tighten the pen cap after use to prevent evaporation.
3. This product contains volatile organic solvents and has a slight odor.
4. To avoid inhalation, perform drawing and drying steps in a fume hood.
5. For research use only by trained professionals. Not for clinical diagnosis, food, or pharmaceutical use. Do not store in a residential setting.
6. For safety, wear lab coats and disposable gloves when handling the pen.

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