



|                             |             |             |
|-----------------------------|-------------|-------------|
| <b>Instructions For Use</b> |             |             |
| <b>PAP-1-IFU</b>            |             |             |
| Rev. Date: Feb. 29, 2012    | Revision: 1 | Page 1 of 2 |

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## Papanicolaou (PAP) Stain Kit

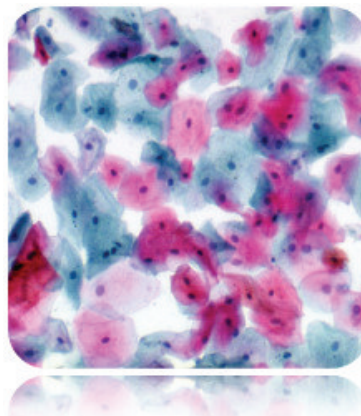
**Description:**

The Papanicolaou (PAP) Stain Kit is designed to differentiate between a variety of cells in vaginal smears for detection of vaginal, uterine and cervical cancer. In addition, this procedure is valuable for staining a variety of other bodily secretions and cell smears. The procedure was developed in the early 1940's by George Papanicolaou.

|                     |                                       |
|---------------------|---------------------------------------|
| Nuclei:             | Blue                                  |
| High Keratin Cells: | Orange                                |
| Superficial Cells:  | Pink                                  |
| Erythrocytes:       | Dark Pink                             |
| Parabasal Cells:    | Blue/Green                            |
| Intermediate Cells: | Blue/Green                            |
| Metaplastic Cells:  | May contain both Blue/Green and Pink. |

**Uses/Limitations:**

Not to be taken internally.  
 For In-Vitro Diagnostic use only.  
 Histological applications.  
 Do not use if reagents become cloudy.  
 Do not use past expiration date.  
 Use caution when handling reagents.  
 Non-Sterile.



**Control Tissue:**

Gynecological Smear.  
 Any Superficial Cell Smear.

**Ordering information regarding individual components on back page!**

**Kit Contents:**

| <u>Item #</u> | <u>Components</u>                            | <u>Volume</u> | <u>Storage</u> |
|---------------|--|---------------|----------------|
| HMM500        | Hematoxylin, Mayer's (Lillie's Modification) | 500 ml        | 18-25°C        |
| OGA500        | OG-6 Solution                                | 500 ml        | 18-25°C        |
| EAC500        | EA-50 Stain Solution                         | 500 ml        | 18-25°C        |

**Precautions:**

Avoid contact with skin and eyes.  
 Harmful if swallowed.  
 Follow all Federal, State, and local regulations regarding disposal.

Storage: 18° C



25° C



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**Procedure:**

1. Place slide in 95% alcohol for 5 minutes.
2. Place slide in 70% alcohol for 5 minutes.
3. Place slide in distilled water for 2 minutes.
4. Apply adequate Hematoxylin, Mayer’s (Lillie’s Modification) to completely cover cell smear and incubate for 5 minutes.
5. Rinse slide 1 time in distilled water to remove excess stain.
6. Rinse slide in tap water for 2 minutes..
7. Rinse slide in 2 changes of distilled water.
8. Dip slide several times in 95% alcohol and blot excess off.
9. Apply adequate OG-6 Stain Solution to completely cover cell smear to excess and incubate for 2 minutes.
10. Rinse slide gently using absolute alcohol.
11. Apply adequate EA-50 Stain Solution to completely cover cell smear to excess and incubate for 3 minutes.
12. Rinse slide gently using absolute alcohol.
13. Quickly dehydrate slide in 3 changes of absolute alcohol.
14. Clear slide and mount in synthetic resin.


**References:**

1. Papanicolaou, G.N. Atlas of Exfoliative Cytology, Harvard University Press, Cambridge, 1954.

**Bulk Reagent Ordering Information and Current Pricing at [www.scytek.com](http://www.scytek.com)**

| Description:                                    | Catalog # | Volume   |
|---|-----------|----------|
| Hematoxylin, Mayer’s<br>(Lillie’s Modification) | HMM500    | 500 ml   |
|   | HMM999    | 1000 ml  |
|   | HMM3800   | 1 Gallon |
| OG-6 Solution                                   | OGA500    | 500 ml   |
|   | OGA999    | 1000 ml  |
|   | OGA3800   | 1 Gallon |
| EA-50 Stain Solution                            | EAC500    | 500 ml   |
|   | EAC999    | 1000 ml  |
|   | EAC3800   | 1 Gallon |

Storage: 18° C  25° C

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