

## CYTOLOGICAL STAIN

### Papanicolaou Method

100 Tests

The Papanicolaou method is designed to give sharp nuclear staining, transparency of cytoplasm and good differential coloring of acidophilic and basophilic cells.

#### REAGENTS :

Reagent 1	Harris's alum haematoxylin
Reagent 2	Orang G
Reagent 3	Triple – dye mixture Designated EA 50

#### PROCEDURE:

1. Remove smears from fixative and rinse in descending grads of alcohol ( 80, 70, 50 per cent ) for 8 – 10 sec. each,.
2. Stain in Harris's haematoxylin (R1) for 4 min.
3. Wash in tap water for 1 – 2 min.
4. Differentiate in 0.5 per cent hydrochloric acid until only the nuclei are stained .
5. Wash in tap water for 6 – 10 min.
6. Transfer to 70 per cent alcohol followed by two changes of 90 per cent alcohol for a few seconds each .
7. Stain in Orange G (R2) for 2 min.
8. Rinse in three changes of 95 per cent alcohol.
9. Stain in EA 50 solution (R3) for 2 – 4 min.
10. Rinse in three changes of 95 per cent alcohol.
11. Complete dehydration in absolute alcohol and clear in xylene .
12. Mount in DPX.

#### RESULTS :

- Nuclei : Blue  
Acidophilic cells : Red  
Basophilic cells : Blue – green  
Erythrocytes : Orange - red

**N.B.** : This procedure is only a guide and it is preferable if each laboratory established his own conditions .

## CYTOLOGICAL STAIN

### Papanicolaou Method

+15 to +25°C

100 Slides

CAT. No.

PA 27 21

FOR DIAGNOSTIC AND RESEARCH USE

## REAGENTS

<b>R1</b>	Haematoxylin	<b>100 ml</b>
<b>R2</b>	Orange G	<b>100 ml</b>
<b>R3</b>	EA 50	<b>100 ml</b>

## CONTACTS

Tele: 02-33385184

Mobil: 0109 – 349 20 77

Fax : 02-33385184 (102)

e.maile : [info@bio-diagnostic.com](mailto:info@bio-diagnostic.com)

Website: [www.bio-diagnostic.com](http://www.bio-diagnostic.com)

Adress: 29 Tahreer St., Dokki, Giza, Egypt