

TECHNICAL SHEET

**BA134 PAPANICOLAU-EA-50**

**Formula**

**Reagent:**

Eosin Y Certified	0.23 g
Bismark Brown Certified	0.05gm
Fast green FCF Certified	0.08gm
Phosphotungstic acid	0.2 g
Denatured Alcohol	100.00 ml

**Directions:**

Fixation: Do not allow smears to dry and fix immediately in 95% alcohol for 5-15 min. The smears may be left in the fixative for 3 days, if necessary, but prolonged fixation affects the staining reaction.

1. Rinse in 70% alcohol, 50% alcohol and distilled water.
2. Stain in Harris hematoxylin (without acetic acid) for 5 -10 minutes.
3. Rinse in distilled water.
4. Rinse 3 or 4 times in 0.5% aqueous solution of hydrochloric acid.
5. Rinse thoroughly in water.
6. Leave for 1 minute in a weak solution of lithium carbonate (3drops saturated aqueous solution / 100 ml water). Rinse thoroughly in water.
7. Rinse in distilled water, 50% alcohol, 70% alcohol, 80% alcohol and 95% alcohol.
8. Stain for 1 minute in the Papanicolaou Orange G-6 (BA041) solution.
9. Rinse 5-10 times in each of two jars containing 95% alcohol.
10. Stain in Papanicolaou EA50 (BA134) for 2 minutes.
11. Rinse 5-10 times in each of three jars containing,95% alcohol (not the same alcohol that was used after orange G-6 solution).
12. Rinse in absolute alcohol, then in a mixture of equal parts of absolute alcohol and xylene and then in xylene.
13. Mount in any satisfactory neutral medium and observe under microscope.

**Quality Control:**

**Appearance:** Green coloured solution with reddish purple tinge, Clear, may have fine particles.

**Microscopy:** Cytoplasm: appears with various shades of blue, pink, orange, red and green. Younger cell appears with green shades.

**Storage:** Below 30°C.

**Packing:** 100 ml

**Warning & Precautions :**

In Vitro diagnostic Use only. For professional use only. For Laboratory Use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets

**Use:**Routine diagnostic cytology to aid in the identification and classification of exfoliative cells.

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**Disposal:**

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

**Disclaimer:**

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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