M-801 PAPANICOLAOU STAIN FOR MEMBRANE FILTERS

FIXATION: 95% Ethyl Alcohol

STAINING:

1. Fixation in 95% ethyl alcohol for 15 minutes.
2. Two changes of distilled water, 20 dips each.
3. Stain in Gill's Hematoxylin No. 1 (M-801-1) for 2-3 minutes.
4. Wash in two changes of distilled water until the excess stain is removed from the filter.
5. Place in Hydrochloric Acid 0.05% (M-801 -2) for 45 seconds or until the filter turns yellow.
6. Wash in two changes of distilled water, 20 dips each.
7. Scott's Tap Water Substitute (M-801 -3) for 1 minute.
8. Wash in two changes of distilled water, 20 dips each.
9. Two changes of 95% ethyl alcohol, 10 dips each.
10. Counterstain in Modified OG-6 Staining Solution (M-801 -4) for 2 to 3 minutes.
11. Two changes 95% ethyl alcohol, 1 minute each.
12. Counterstain further in Modified EA Staining Solution (M-801 -5) for 2 to 3 minutes.
13. Dehydrate in 2 changes each of 95% ethyl alcohol and absolute ethyl alcohol. Clear in 2 changes of Xylene.
14. Soak filter in Permount (M-18) for 15 minutes and mount in Permount.

RESULTS:
Nuclei Deep Blue to Purple

REFERENCES:
Gill, G.W., Acta CytoL., 18:300-311, 1974