



Cyto-Nuclear™ Stain

- Intended Use -

CDI presents Cyto-Nuclear™ Stain. Cyto-Nuclear™ Stain and Gill's I and II are used primarily for cytology; and Gill's Hematoxylin II, III and Cyto-Nuclear™ Stain can be used for Cytologic or Histologic applications. CDI Hematoxylin formulations produce rapid and distinctive nuclear staining and all have been ripened to their peak of staining prior to shipping.

*Prior to staining, Gyn-cytology preparations fixed with a fixative containing Carbowax (polyethylene glycol 1450) should be placed for 10 minutes in 95% alcohol to remove the PEG.

- Packaging -

Catalog#	Volume
FX2122	1 Gallon

- General Information -

CDI Cyto-Nuclear™ Stain is the Hematoxylin recommended for routine staining in cytology. Hematoxylin is a basic dye (hematein-aluminum complex), that produces magnificently stained cytologic preparations. Our Cyto-Nuclear™ Stain has the optimum oxidation, the proper pH, the ideal amount of special added differentiators, and the correct amount of aluminum for a long shelf life. It is quality controlled to have the optimum staining power when shipped to you. Cyto-Nuclear™ Stain produces precise nuclear staining, showing crisp nuclear membranes and nucleoplasm, exact staining of nucleoli, and just the right amount of staining of cytoplasmic carboxyl and sulfate groups to promote excellent counterstaining by EA-50, EA-65, and OG-6.

- Staining Procedure -

CDI RECOMMENDED AUTOMATED AND MANUAL PAPANICOLAOU STAINING PROCEDURE FOR GYN and NON-GYN CYTOLOGIES

Solution	Time
1. 95% Alcohol.....	30 seconds
2. Running H ₂ O Wash.....	40 seconds
3. CDI Cyto-Nuclear™ Stain.....	1 minute
4. Running H ₂ O Wash.....	1 minute
5. CDI Cytostain-Bluing™	1 minute
6. Running H ₂ O Wash.....	1 minute
7. 95% Alcohol.....	30 seconds
8. Running H ₂ O Wash.....	1 minute
9. OG-6.....	1 minute
10. 95% Alcohol.....	50 seconds
11. 95% Alcohol.....	50 seconds
12. CDI EA-50 (Gill's Modified).....	2 minutes
or EA-65 (Gill's Modified).....	2 minutes
or EA-50 (Modified Papanicolaou).....	2 minutes
or EA-65 (Modified Papanicolaou).....	2 minutes
13. 95% Alcohol.....	25 seconds
14. 95% Alcohol.....	25 seconds
15. CDI Cyto•Alcohol™	25 seconds
16. CDI Cyto•Alcohol™	25 seconds
17. CDI Zero Xylene™ or Xylene.....	30 seconds
18. CDI Zero Xylene™ or Xylene.....	30 seconds
19. CDI Zero Xylene™ or Xylene.....	30 seconds