

Hematoxylin & Eosin Staining

1. Xylene 3 min
2. Xylene up & down
3. 100% EtOH up & down
4. 100% EtOH up & down
5. 95% EtOH up & down
6. 80% EtOH up & down
7. 70% EtOH up & down
8. Running tap water 2 min, until no more schlieren
9. Distilled H₂O dip
10. Hematoxylin 2^a 3 min
11. Running tap water 2 min
12. Acid EtOH^b 2 quick dips then slowly to 14
13. Running tap water 1-2 min, repeat above if still to dark
14. Ammonia water (bluing)^c 5-6 dips
15. Running tap water 2 min
16. Eosin Y^d quick dip
17. 70% EtOH up & down
18. 95% EtOH up & down
19. 100% EtOH up & down
20. 100% EtOH 30 sec
21. Xylene 1 min
22. Xylene 1 min
23. Coverslip

^a Hematoxylin 2 (Richard-Allan Scientific, #7231)

^b Acid EtOH: 5 ml concentrated HCl in 500 ml 70% EtOH

^c Ammonia water: 0.25% NH₄OH

^d Eosin Y (Richard-Allan Scientific, #7111)