

HEMATOXYLIN-EOSIN STAINING

1. Xylene -----2-3 min. with dippings
2. Xylene -----2-3 min. with dippings
3. Xylene -----2-3 min. with dippings
4. 100% ETOH -----1 min. with dippings
5. 100% ETOH -----1 min. with dippings
6. 100% ETOH -----1 min. with dippings
7. 95% ETOH -----20-30 dippings
8. 95% ETOH -----20-30 dippings
9. 95% ETOH -----20-30 dippings
10. Deion. Water -----20-30 dippings
11. Deion. Water -----20-30 dipping
12. Lerner Hematoxylin-----1-5 min. depending on tissue types

Note: Use shorter staining time for embryonic tissues and longer for postnatal/adult tissue

13. Acid Rinse -----8-10 dippings
14. Deion. Water -----20-30 dippings
15. Lerner Bluing solution -----1 min.
16. Deion. Water -----20-30 dippings
17. Deion. Water -----20-30 dippings
18. 95% ETOH -----20-30 dippings
19. 95% ETOH -----20-30 dippings
20. Lerner Eosin-Y-----15-30 sec.
21. 95% ETOH -----20-30 dippings
22. 95% ETOH -----20-30 dippings
23. 95% ETOH-----20-30 dippings
24. 100% ETOH -----20-30 dippings
25. 100% ETOH -----20-30 dippings
26. 100% ETOH -----20-30 dippings

27. Xylene -----20-30 dippings
28. Xylene -----20-30 dippings
29. Leave slides in Xylene during mounting
 - a) With forceps, pick up one slide at a time, add a drop or two of the mounting medium and then cover with the glass cover.
 - b) With the covered glass slide on its side, drain the excess medium and let it dry at room temp. in the hood.