

MacNeals Tetrachrome

By Dorn & Hart Microedge, Inc.
(Thin Acrylosin or MMA Sections)

N.B. Slides can be deplastified using xylenes or acetone;

1. Remove plastic film
2. Place slides in 2 exchanges of warm xylenes @ 50C for 30 minutes each; dip and dunk after 15minutes
3. Place slides in cool xylenes @ room temp for 30 minutes; dip and dunk after 15 minutes
4. Re-hydrate through graded series of ethanol:
 - A. 100% EtOH 5+ minutes
 - B. 95% EtOH 5+ minutes
 - C. 70% EtOH 5+ minutes
 - D. dH2O 5+ minutes (can be held here for 2-3 hours)
5. Stain ins MacNeals Tetrachrome 5+ minutes
6. Rinse in dH2O x 3 exchanges 1+ minutes each
7. Dehydrate, clear, and mount
 - A. 70% EtOH 1+ minutes
 - B. 100% EtOH 1+ minutes
 - C. Clear in xylenes 3 minutes
 - D. Clear in xylenes 3+ minutes
 - E. Coverslip