

### Protocol for H & E Staining (Hematoxylin and Eosin)

1. (a) Deparaffinize or (b) hydrate frozen sections  
(a) 2x xylene, 100% EtOH, 95% EtOH, 70% EtOH, 2x H<sub>2</sub>O (*2 min each*)  
(b) 3x distilled H<sub>2</sub>O (*2 min each*)
2. Stain  
Mayer's Hematoxylin Solution (*1 min or 2 min for Bouin's fixed sections*)  
*\*\*Avoid excessive water carry-over into solution by blotting*
3. Rinse  
Warm running tap water (*15 min*)  
*\*\*Do not let the water run directly on the slides*  
Place in distilled H<sub>2</sub>O (*30 sec*)  
Place in 95% reagent alcohol (*30 sec*)
4. Counterstain  
Eosin Y Solution (*1 min or 2 min for Bouin's fixed sections*)  
*\*\*Alcoholic No. HT110-1*
5. Dehydrate and clear  
2x 95% reagent alcohol, 2x absolute reagent alcohol (100% EtOH), 2x xylene  
(*2 min each*)
6. Mount with resinous mounting medium