

## Protocol for Paraffin Embedding

1. Fix  
4% Paraformaldehyde (*Overnight in 4°C*)
2. PBS Wash (*3x 5 min*)
3. Dehydrate  
70% EtOH, 80% EtOH, 90% EtOH, 95% EtOH, 3x 100% EtOH (*20 min each*)  
canstore tissue in fresh 100% EtOH at -20°C
4. Clear  
1:1 EtOH/Xylene (*1 hr*)  
Xylene (*3x 20 min each*)
5. Embed  
1:1 Xylene/Paraffin (*1 hr in 60°C*)  
Paraffin (*2x 20 min in 60°C*)  
Paraffin (*Overnight in 60°C*)
6. Mount and position in plastic mold
7. Section  
Wet slides on slide warmer and put ribbon on each slide  
Dry with cover closed to avoid cracking