

Frozen sample processing for mouse incisors

1. Dissect mouse incisors in 1XPBS.
2. Fix the samples in 10% Formalin overnight at RT or 4% PFA overnight at 4°C.
3. Wash the samples in 1XPBS. Decalcify in 10% EDTA at RT then proceed to step 4 for dehydration. The decalcification time is dependent on the stage of the incisors.
4. Dehydrate the samples in 15% sucrose/PBS overnight at 4°C.
5. Dehydrate the samples in 30% sucrose/50% OCT overnight at 4°C.
6. Embed the samples in OCT on a dry ice block.
7. Store the samples at -80°C.