

Decalcification animals.

1. Dissect out bones and fix in 4% paraformaldehyde or at 4 C for overnight
2. Prepare 14% EDTA with DEPC-water (for in situ) and adjust pH with NaOH to 7.2
3. After fixation, wash tissues with PBS 2X15min
4. Decalcify with 14% EDTA at 4 C with shaking
5. For Adults: If soft tissues (muscles and tendons) are removed, it takes 2-5 days to get bone soft, but if soft tissues are not removed, it takes 10 days and needs changing solution every three days.
6. For P0-P14. Decalcify for 3 days with soft tissue intact.