

Conventional Specimen Protocol for TEM:

1. Fixation with $\frac{1}{2}$ strength Karnovsky's in 0.1M Cacodylate buffer
2. Wash with 0.1M Cacodylate buffer
3. Post fixation with 1% Osmium tetroxide in 0.1M Cacodylate buffer
4. Dehydration with a graded series of ethanol
5. Embed with Epon 812 resin
6. Thick and Ultra-thin Section
7. Post stain with uranyl acetate and lead citrate
8. View in TEM