Bacteria - LRW Immuno Fix & Embed

 

**Protective Equipment**; Safety glasses, Lab coat, gloves and Chemical Fume hood

Remember to **label all vials** with; sample name, fixative type, your name & date

Fixation: 1.25% Glutaraldehyde/2% Paraformaldehyde

 in 100mM buffer\* Overnight at 4°C

 Rinse: 0.1 M buffer 3x 10 mins each

Dehydration: 

30% Ethanol 10 mins

 50% Ethanol 10 mins

 60% Ethanol 10 mins

 70% Ethanol 10 mins

 80 % Ethanol 10 mins

 95% Ethanol 10 mins

Infiltration: 95% Ethanol: LR White 

 1:1

100% LR White 2x overnight each change

Embedding: LR White in gelatin capsules,epindorf tubes or other O2 excluding molds

 - or use vacuum oven (check for correct temp (60 -65**°** C or 140 – 149**°** F)

Curing: Overnight in oven

\* Phosphate or Cacodylalte