

Protocol for Cell and Tissue Fixation
Jeffrey Luo (8/25/03)

Protocol for Dietrich's (Kahles's) fixator

Formalin (Fischer BP531-500)	6ml
95% ethyl alcohol	15ml
glac. Acetic acid	1ml
distilled water	80ml

wash with 50% ethanol, then 70% ethanol

Protocol for 4% Paraformaldehyde (PFA)

- 1) Heat 80ml water to 60°C
- 2) Add in 4gm paraformaldehyde (Fischer 04042-500)
- 3) Add 1-2 drops of 10M NaOH to solubilize
- 4) Cool
- 5) Add 10ml 10x PBS
- 6) Add 10ml water to bring total volume to 100ml

Store at 4°C for 1-2 weeks

0.5% Glutaraldehyde

10ml 1x PBS
200ul 25% glutaraldehyde (Fischer BP2548-1)

1.0% Glutaraldehyde

10ml 1x PBS
400ul 25% glutaraldehyde (Fischer BP2548-1)

