

Stock solutions

20% paraformaldehyde (PAF)

- 200g PAF (Sigma)
- add 800 ml dH₂O
- Heat to 65°C
- add 1-2 ml 5N NaOH
- filter
- q.s. to 1 liter
- make sure pH 7.4

Glucose oxidase (Glucose oxidase Type VII from Aspergillus niger; Sigma)

- 30 mg
- 10 ml dH₂O
- Put 0.1 ml per tube

Ammonium chloride

- 2.0 g ammonium chloride
- 10 ml dH₂O
- Put 0.2 ml per tube

D+-glucose

- 2.5g
- 10 ml dH₂O
- Put 0.8 ml per tube

4% PAF

500 ml solution:

- 11.12 g Na₄P₂O₇·10H₂O Pyrophosphate tetrasodium/ sodium pyrophosphate decahydrate 99% ACS reagent
- 3.5g Na H₂P₀₄-H₂O sodium phosphate monobasic, monohydrate
- 100 ml 20% PAF
- add 475 ml dH₂O and then pH to 7.4
- add whatever volume of dH₂O is necessary to reach 500 ml
- (q.s. to 500 ml)

or

- 50 ml 20% PAF stock solution
- 200 ml 0.1 M PB pH 7.4

30% sucrose

- 30g sucrose
- 100 ml dH₂O

See next page for Tris buffers

0.1M Tris buffer pH 7.6

- 96.96g Tris HCl
- 22.24g Tris Base
- q.s. to 8 liters with dH₂O and pH to 7.6

Tris A

- 10ml Triton X-100 in 990 ml Tris buffer

TrisB (0.1% Triton X-100, 0.005% Bovine serum albumin in Tris)

- 10 ml 10% Triton X
- 10 ml BSA (5mg/ml)
- 980 ml Tris

Tris C (0.005% BSA in Tris buffer)

- 10 ml BSA (5 mg/ml)
- 990 ml Tris buffer

Tris D (0.1% Triton X -100 and 0.005% BSA in 0.05M Tris buffer)

- 60.60g Tris HCl
- 13.9g Tris base
- 10 ml BSA (5mg/ml)
- 10 ml 10% Triton X-100
- q.s to 1 liter dH₂O and pH 7.6