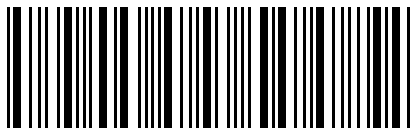


4% PFA (paraformaldehyde)

-The Han Lab

1. Place 450 ml of dH₂O in a glass beaker. Heat to 60 C using a hot plate with stirring.
2. While stirring, add 20 g of paraformaldehyde powder [Fisher #04042] to the heated water. Cover and maintain at 60 C.
3. Add 5 drops of 2N NaOH (1 drop per 100 ml). The solution should clear within a couple of minutes (There will be some fine particles that will not go away). Do not heat solution above 70 C. PFA will break down at temperatures above 70 C.
4. Remove from heat and add 50 ml of 10X PBS. Adjust pH to 7.2; you may have to add some HCl. Final volume will be 500 ml. Filter and place on ice. Cover with foil to protect from the light.
5. Use immediately, or aliquots may be frozen at -20 C and thawed as needed.

(The end)



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