

## Gelutol

**Kris Klueg**  
**(adapted from an unknown author)**

Item	Volume
Elvanol/ Gelutol	1.2 g
Glycerol	3.0 g (~2.2 mL)
dH <sub>2</sub> O	3.0 mL
Tris Buffer, 0.1M pH 8.5 (pH 8 works fine)	6.0 mL

1. Place glycerol in a centrifuge tube with conical bottom.
2. Add gelutol and stir without getting gelutol on the sides of the tube. (Or stir with abandon and then give it a quick spin to get it all to the bottom of the tube.)
3. Add dH<sub>2</sub>O, stir well and leave from 4 hr to all day at RT.
4. Add tris buffer and place in a 50° C water bath for 10 min with stirring to dissolve. (It usually takes longer than this for me.)

optional:

5. Clear if necessary by centrifuging at 1500 g, 15 min.
6. Add Na-azide at .025% (~.005 M).
7. Add N-propyl-gallate to 1%

Elvanol (polyvinyl alcohol) grade 51-05  
E.I. Dupont de Nemours and Co., Inc.  
Industrial Chem. Dept.  
Wilmington, DE (sorry, no zip)

GelVatol (Gelutol)  
Monsanto  
Indian Orchard Plant  
Springfield, Mass, 01151

