

Gelatin Coated “Subbed” Slides

(Greg A. Perry, Ph.D.)

Equipment:

1 liter flask/beaker
Stir plate / Hot plate

Stir bar
pH meter

Reagents:

1	gm	Gelatin (<i>Knox gelatin works fine</i>)
0.1	gm	Chromium Potassium Sulfate
1000	ml	Distilled Water

Method:

- 1) Dissolve gelatin in hot distilled water.
- 2) Cool and add chromium potassium sulfate.
- 3) Store this mixture in the refrigerator.
- 4) Autoclave to store for long periods of time and/or after each use.

To coat slides: Dip alcohol cleaned slides several times in the solution. Drain and dry in vertical position using a hair dryer or by putting slides under a warm lamp. Store slides dessicated in plastic slide boxes at 4°C.