Gelatin coated slides

Protocol from Peirce-Cottler Lab

Prepare gelatin slide coating solution:

1. Make Chrome-alum solution: 25mL of 20% chromium potassium sulfate in H2O
   * 5g chromium potassium sulfate in 25mL of H2O
   * Chromium potassium sulfate: Sigma C-5926 100g
2. Dissolve, using heat, 7.5g gelatin (Sigma G2500, 300 bloom) in 325mL H2O
3. When dissolved, add 150mL of 95% EtOH. Mix and let cool.

* 142mL EtOH + 8mL H2O

1. Add predissolved chrome-alum solution

Warm coating solution to a luke warm temperature. Dip slides in solution for approximately 3min. After dipping, there should be a green colored consistency of gelatin that forms at the edge of the slide. Dab off extra coating solution and cover loosely in saran wrap (leaving sides of wrap open for air flow). Dry overnight. Store slides in container that keeps them separated at room temperature.

\*\*Coating solution can be saved in capped bottle and re-heated to use again. If solution becomes gelatinous, do not use anymore.