

Schwer Lab

Preparation of acid-washed glass coverslips for immunofluorescence microscopy

1. Add 12-mm coverslips to 150-mm culture dish.
2. Add ~40 mL of 1 N HCl; swirl on orbital shaker for 2 h at RT.
3. Remove acid, rinse with 2 x 50 mL PBS until pH is at least 6.0.
4. Rinse 1 x 50 mL water.
5. Add ~40 mL of 70% EtOH; swirl on orbital shaker for 10 min, RT.
6. Remove ethanol, transfer coverslips to Whatman paper. Let dry in TC hood.
7. Transfer to glass beaker, cover with aluminum foil and autoclave (dry cycle, 30 min sterilization time)