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# Preparation of acid-washed glass coverslips for immunofluorescence microscopy

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**Protocol status:** Working

**We use this protocol and it's working**

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## Abstract

Rizzardi Lab (Adapted from Schwer Lab- UCSF)



- 1 Add coverslips to 10cm culture dish
- 2 Add ~20 mL of 1 N HCl; swirl on orbital shaker for 2 h at RT. 🌡️ Room temperature 2h
- 3 Remove acid, rinse with 2 x 25 mL PBS until pH is at least 6.0.
- 4 Rinse 1 x 25 mL water.
- 5 Add ~20 mL of 70% EtOH; swirl on orbital shaker for 10 min, RT. 🌡️ Room temperature 10m
- 6 Remove ethanol, transfer coverslips to Whatman paper. Let dry in TC hood.
- 7 Sterilize coverslips before use
  - 7.1 Option 1:  
Transfer to glass beaker, cover with aluminum foil and autoclave (dry cycle, 30 min sterilization time)
  - 7.2 Option 2:  
Transfer to new sterile 10cm culture dish and turn on UV. Leave in hood until ready for use.