

Fibronectin coated coverslips and coverslip dishes (from Alex Van Slyke)

Supply locations:

MPTS in 8C fridge, door, bottom

GMBS in -20C freezer, aliquots in box

Fibronectin in 8C fridge, door, bottom

- Add 2mL 1M NaOH to coverslip dishes, or incubate coverslips in 1M NaOH (if not using dishes) for ~30 min.
- Rinse with autoclaved water 3x.
- Prepare solution of MPTS in 100% EtOH (400uL in 10mL depending on volume needed)
- Apply to dishes for 30 min (200uL in center)
- Rinse with EtOH 3x.
- Prepare 4mM GMBS (10uL of 1M GMBS in 2.5mL EtOH)
- Apply to dishes for 30 min (200uL in center)
- Rinse with EtOH 2x
- Rinse with PBS 3x
- Prepare fibronectin solution (50-75ug/mL) (sonicate and centrifuge protein before use)
- Pipette on 5 – 20 ul on coverslip, 2h at RT, then move to 4C and incubate overnight.
- Rinse once.
- Add PBS and store at 4C.