

(prepare boiling ddH₂O)

1. UV crosslinking

mark slide borders, lay slides array-side-up into Stratalinker.

Setting for 600 (x100) micro joules and push start.

Transfer slides back to the rack.

2. Succinic anhydride blocking

+ 6.85 g Succinic anhydride to a 500ml beaker with stir bar --- > + 382 ml

1- methyl-2-pyrrolidinone into beaker and mix well --- > + 18 ml 1M Boric acid

(pH 8.0) --- > pour solution (**in air for only 30 mins**) into beaker ---> submerge

a rack of arrays, dunking vigorously to prevent pluming --- > place on shaker in

hood for 15 mins

3. Remove rack and place in container containing >350 ml ddH₂O (in clean glass dish), plunging several times until bubble disappear. (in the vertical direction)

4. Transfer the rack into beaker containing boiling water (turn off the heat), 2 min

5. Remove the rack and place in 350 ml 95% EtOH (or isopropanol) in in clean glass dish

6. spin 600 r.p.m. 5 min to dry

7. transfer slides to a clean plastic slide box without cork for storage, and store in vacuum chamber.