

Preparing laminin-coated coverslips:

Materials:

Parafilm

10 x 10 cm square dish

Laminin stock solution

18 x 18 mm glass coverslips

Forceps

1. Prepare a humidity chamber using a 10 cm square dish, parafilm and kimwipe. Line the bottom of the square dish with parafilm. Place a folded kimwipe in the lid and saturate with water so that wet kimwipe sticks to lid surface.
2. Prepare working laminin solution. Current stock solution of laminin is 1000 $\mu\text{g/ml}$. Dilute laminin to 30 $\mu\text{g/ml}$ and place 70 μl working solution onto parafilm surface for each 18 x 18 mm.
3. Using forceps place 18 x 18 mm coverslips on top of each 70 μl drop of laminin solution. The laminin solution should spread out to cover the entire surface of the glass coverslip. A few small air bubbles may remain.
4. Place lid on humidity chamber and seal the square dish with a strip of parafilm to avoid evaporation. Place chamber in the refrigerator over night to allow time for absorption of laminin onto glass surface.