

Poly D-lysine/Laminin solution

Culture dishes/coverslips are coated with a solution that contains poly D-lysine (final conc'n of 0.05 mg/ml) and laminin (final conc'n of 0.005 mg/ml).

Poly D-lysine (Collaborative Research, cat no. #40210) and laminin (Collaborative Research, cat no. #40232) are stored in the -80°C freezer as 100 μl aliquots at stock conc'ns of 10 mg/ml and 1 mg/ml respectively.

To prepare the stocks solutions:

Poly D-lysine

Obtain a 20 mg vial of poly D-lysine (stored in 4°C cold room) and add 2 ml of sterile water.

Laminin

Obtain a 1 mg vial of laminin (stored in -80°C freezer). Thaw and measure the volume of solution in the vial. Make up to 1 ml with sterile water.

To prepare working solution:

Dilute into sterile water one tube of poly D-lysine (100 μl) and one tube of laminin (100 μl) for every 20 ml of solution to be used.