

Poly-D-Lysine Coating

Materials:

Poly-D-Lysine (SigmaP6407)
Sterile Tissue Culture Grade H₂O

Preparation:

In the hood, add 50mL sterile TC H₂O to the bottle of PDL and swirl to mix. Transfer to a sterile 125mL bottle. Add another 50mL sterile TC H₂O, swirl, and transfer to the bottle for a final volume of 100mL, making the working stock a 50ug/mL concentration.

Aliquot:

Make seven 12mL aliquots in 15 mL conical tube, label with date and concentration, and freeze.

Coating:

In the hood, add 50 uL per well to XF plate. Incubate at room temp for 1-2 hrs. Aspirate the solution and rinse the surface with 500 uL sterile TC H₂O and aspirate off. Allow the surface to dry with lid open, in the hood. 12 mls coats about 8 plates.

Storage:

Store coated plates at 4-8* or room temperature.
Store PDL solution at 2-8* for shorter periods of time.
Store at -20* for extended storage times.