

Preparation of Coverslips for Immunofluorescence of Cultured Cells
NDJ
V.1

Sterilization of Coverslips

- a. In sterile laminar-flow hood, place coverslips on edge in six-well plates.
- b. Turn on UV, expose coverslips without lid for 30 seconds.
- c. Flip over coverslips and expose for additional 30 seconds.
- d. Replace lid.

Coating of Coverslips with Poly-L-Lysine

(Necessary for loosely adhering cells (e.g. HEK293T))

- a. Place 50ul of 0.01% poly-L-lysine (Sigma P4832) on sterile coverslips. Incubate 30 seconds.
- b. Aspirate poly-L-lysine
- c. Add 1ml PBS to each well. Incubate 15 seconds. Aspirate
- d. Repeat step c.
- e. Add 1ml PBS and aspirate before use.