

DQ Collagen Assay in Matrigel

1. Melt Matigel at 4° C.
2. Add 25 ug/ml of DQ-collagen I or IV to Matrigel (Concentration of Matrigel is between 13-15 mg/ml)
3. Coat coverslips with 30 µl of Matrigel containing 25 µg/ml of DQ-collagen IV or DQ-collagen I and leave it in 37° C incubator to solidify for 15 min).
4. Spin the cells at 900 rpm for 4 min.
5. Resuspend the cells pellet and seed around 20,000 to 25000 cells per coverslip.
6. Leave the cells in 37°C incubator for 24 to 47 hours.
7. Use water immersion lens and observe under microscope.