

OIL RED O STAINING

Purpose: Staining of fat droplets in cells

Protocol :

1. Prepare ORO (FisherBiotech BP112-10)
 - a. Stock is 0.5% ORO in Isopropanol
 - b. Working Stock : 60ml Stock + 40mL dH₂O (or that ratio)
 - i. Remove precipitate by filtration with Whatman paper #40
2. Wash cells on plate with 1x PBS
3. Fix cells with 3.7% Formaldehyde for 2min
4. Wash cells with H₂O
5. Add ORO working solution
6. Incubate 1hr at room temp
7. Aspirate ORO off monolayer
8. Wash with H₂O
9. Store in H₂O and 0.02% NaAzide
10. Take microscopic picture as soon as possible