

Crystal Violet Cell Colony Staining

1L Fixing/Staining solution: 0.5 g Crystal Violet (0.05% w/v)
27 ml 37% Formaldehyde (1%)
100 mL 10X PBS (1X)
10 mL Methanol (1%)
863 dH2O to 1L

- 1) Remove media (do not wash cells)
- 2) Add staining solution to cover dish
- 3) Stain for 20 min at room temperature
- 4) Remove fix/stain solution and save
- 5) Wash dishes one at a time by dipping into bucket of water in the sink with the water continuing to run
- 6) Air dry dishes
- 7) Count colonies with >50 cells by eye or with automated colony counter