



# Lethbridge iGEM 2018

## Methanol/Chloroform Protein Precipitation

1. To a sample of 100uL add 400uL Methanol and vortex
2. Add 100uL Chloroform and vortex
3. Add 300uL ddH2O. Vortex well.
4. Spin 2 minutes at 14,000 g
5. Pipette off the top aqueous layer. Protein exists between layers and may be visible as a thin layer.
6. Add 400uL of Methanol and vortex
7. Spin for 3 minutes at 14,000 g
8. Pipette as much Methanol as possible from the tube without disturbing the pellet.
9. Speed-Vac to dry but avoid drying too long as this makes the pellet harder to re-solubilize.