## Overview and Considerations:

To concentrate DNA and to remove salt, one can precipitate DNA using ethanol. The pH of the DNA solution should be below 6.

## Reagents:

1. 100% Ethanol
2. 70% Ethanol
3. 3M Sodium acetate, pH5.0, autoclaved

## Protocol:

1. Add 1/10th volume 3M sodium acetate to DNA (so to 400ul, 40ul);
2. Vortex briefly;
3. Add 2.5 volumes of 100% ethanol (so to 440ul, add 1100ul);
   1. Mix;
4. Incubate at -80oC for >1hour;
5. Centrifuge at 4oC, at full speed in the microcentrifuge, 30min;
   1. Decant supernatant;
6. Wash pellet with 1ml 70% ethanol;
7. Centrifuge at 4oC, at full speed in the microcentrifuge, 5min at 4oC;
8. Decant supernatant (watch pellet, it may be loose).
9. Air dry pellet and resuspend.