Ethanol precipitation of RNA/DNA

1. Add: 0.1 vols 3M Sodium acetate
   2.5-3 vols **ice cold** 100% Ethanol
   Vortex to mix thoroughly.
2. Precipitate at -20 ^{0}C for 1 hour or overnight or -80 ^{0}C 1 hr (overnight will give more precipitation if RNA amount is low)
3. Centrifuge at full speed (13000rpm), **4^{0}C** for 30 mins.
4. Wash pellet twice with 0.5ml **ice cold** 75% Ethanol, spinning at **4^{0}C** for 10 mins each time.
5. Take Ethanol out, spin quickly (10s top speed) to remove the trace amount of Ethanol as you can.
6. Air dry the pellet and resuspend in an appropriate volume of Nuclease free water.

Precipitating small amounts of RNA

Glycogen 20ng per sample may be added to the RNA before precipitation to aid visualization when precipitating small amounts of RNA.

1. Add 1ul of a 20mg/ml solution of Glycogen (RNase DNase free)

Reagents

3M Sodium Acetate
Nuclease Free Water Ambion 9937
Glycogen 20mg/ml