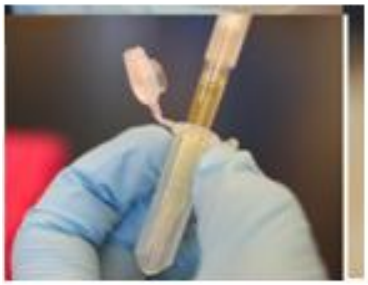
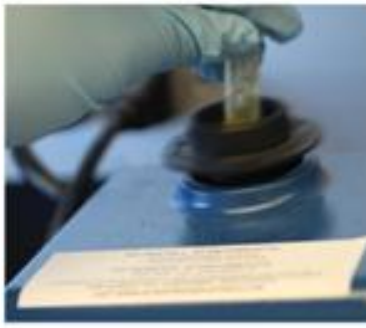
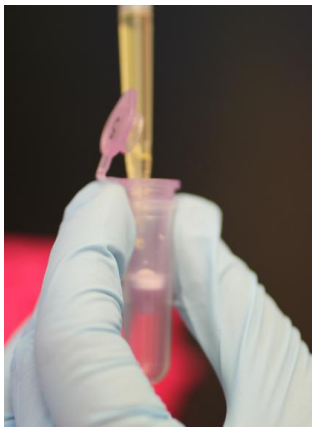
1. Dilute your DNA six fold in PB buffer, then vortex until well mixed





2. Transfer the solution to a Qiagen Gel extraction /PCR purification spin column



3. Centrifuge the spin column for 1 minute @ 13000RPM then dump off the liquid accumulated in the collection tube

4. Add 750ul PE wash buffer to the column, then spin for 1 minute at 13000 RPM

5. (optional) repeat

6. Spin the column again for 1 minute to remove residual PE

7. Move the column into a new 1.5ml micro centrifuge tube

8. Carefully add 50ul (or 30ul) of EB elution buffer to the spin column and allow to sit for 1 minute

9. Centrifuge the column one final time for one minute at 13000RPM, the eluted DNA is now inside the EB in your centrifuge tube