DNA Extraction from Cheek Cells

Cheek cell extraction

1. Scrape inside of cheek with sterile loop.
2. Twirl loop in 200µl of 5% Chelex buffer.
3. Add 2ul of 10mg/ml PK to tube at front bench
4. Incubate for 15-30 minutes @ 56^{o}C
5. Vortex for 10 seconds
6. Spin at max speed for 20 seconds
7. Boil for 8 minutes in a 110^{o}C heat block.
8. Vortex for 10 seconds
9. Spin at max speed for 2-3 minutes.
10. Use the top, aqueous solution, called the supernatant. This is where your DNA is. STAY AWAY FROM the pellet on the bottom where all of your cell debris and denatured proteins are. The pallet contains inhibitors that would interfere with downstream processes like quantitation or PCR.