

## Cheek Cell DNA Extraction

### Using Cytobrush

1. Use sterile cytobrush and insert into mouth
2. brush cytobrush on inside of cheek 25 times
3. Swirl cytobrush in 100  $\mu$ l of Chelex suspension (10% w/v)
4. Place centrifuge tube with Chelex and cell suspension on 100  $^{\circ}$ C heat block for 10 minutes
5. Centrifuge tubes at maximum speed for 5 minutes
6. DNA is in the supernatant. (avoid beads at bottom)
7. Store DNA in -20  $^{\circ}$ C

### PCR with PCR Beads

1. Add 22  $\mu$ l of primer mix (forward and reverse) to beads
2. Ensure that the the bead is dissolved
3. Add 3  $\mu$ l of DNA