ONE HOUR DNA ISOLATION PROTOCOL

1. Add 100 µl of Solution A to the tail clip (2mm)
2. Place in heat block (preheated to 95°C) for 60 minutes
3. Add 100 µl of Solution B
4. Vortex briefly
5. Centrifuge at 2000rpm for 10 minutes
6. Remove 100 µl of supernatant and store in new labeled tube at 4°C *
7. Use 1µl per 25 µl PCR reaction

* ***Optional***-1 µl of supernatant can be removed directly from samples and added to pcr reaction.

Solution A: 25mM NaOH/0.2mM EDTA

Solution B: 40mM Tris-HCl

Solutions A & B should be made up **fresh each week**, can be stored 1 week at 4°C

STOCK SOLUTIONS:

1. 5M NaOH
2. 0.5M EDTA, pH 8.0
3. 1M Tris-HCl pH 8.0