

miniPCR X-Tract™ Buffer Cheek cell DNA extraction protocol

PCR-ready DNA in ten minutes. X-Tract™ Buffer has been optimized to extract DNA from human buccal cells in three simple steps.



1

Aliquot X-Tract™ Buffer

- 50 µl of buffer in a clean 200 µl PCR tube

2

Obtain tissue sample



- Scrape inside of cheek ~5 times with flat-end toothpick collecting cells at the tip
- Rub gently along cheek, it shouldn't hurt!
- Dip the toothpick in the 200 µL tube swirling it in X-Tract™ Buffer to release cells
- Cap tubes tightly

3

Incubate 10 minutes at 95°C



- Ideally inside a thermal cycler with a heated lid, to prevent tub caps from popping open
- Remove tubes from heat and let them rest in a tube rack at room temperature



PCR-ready DNA!

- Add 1 to 5 µl per PCR, taking from the top of the solution. Use immediately after extraction