

## New BuccalAmp™ DNA Extraction Kit Revolutionizes Buccal Sample Collection and Processing!

Just swab the inner cheek, rotate in QuickExtract™ Solution, and heat to obtain PCR-ready genomic DNA for >100 amplifications.

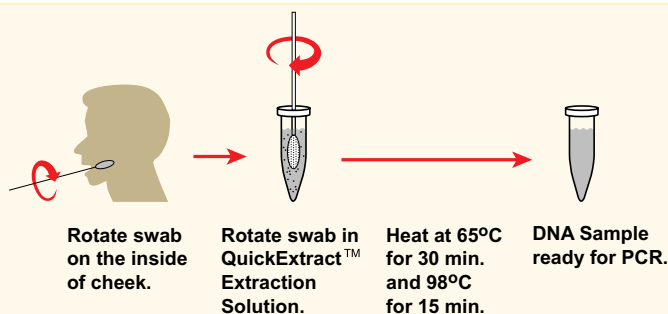


Figure 1

EPICENTRE's new BuccalAmp™ DNA Extraction Kits are single-tube systems for rapid preparation of DNA from buccal (cheek) swab samples for use in PCR amplification assays. BuccalAmp Kits incorporate a new QuickExtract™ DNA Extraction Solution that permits processing of samples using a simplified new protocol (Figure 1).

The QuickExtract Solution is pre-aliquoted into individual sample tubes. To obtain PCR-ready DNA, just rotate the buccal sample swab in one of these tubes, mix and heat. No centrifugation step is needed, making it easy to process one to hundreds of samples in less than an hour - without phenol, chloroform, or other toxic organic solvents. DNA yields range from 1-7 µg – more than other methods and enough to perform at least 100 PCR assays. Figure 2 shows typical PCR results from DNA extracted using the BuccalAmp Kit.

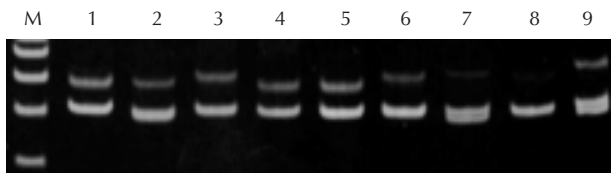


Figure 2. PCR of polymorphic repeat sequences in DNA from buccal samples from 9 individuals obtained using the BuccalAmp™ DNA Extraction Kit. DNA was amplified using the FailSafe™ PCR System (FS99060). (Lane M = 100 bp marker).

BuccalAmp Kits include Catch-All™ Sample Collection Swabs – a soft foam swab on a soft, flexible plastic handle (Figure 3). Catch-All Swabs provide gentle, safe buccal sample collection, even for infants, and the porous foam on these swabs catches more of the sample than buccal brushes. Catch-All Swabs are provided individually packaged in sterile hard-pack plastic cylinders. After collecting the sample, return the sample swab to the cylinder package, for safe, secure storage and transport from the collection site to the analysis site.

BuccalAmp DNA Extraction Kits and Catch-All Sample Collection Swabs are useful for any application benefiting from rapid, easy extraction of PCR-ready DNA from buccal samples. Examples include human or animal identity testing, SNP analysis, and assays for viruses, bacteria, and other microorganisms.

QuickExtract DNA Extraction Solution and Catch-All Sample Collection Swabs are available separately and in bulk for high throughput applications.

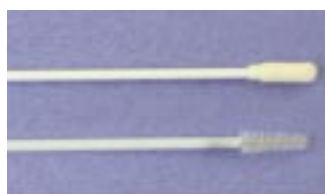


Figure 3. Catch-All™ Sample Collection Swabs (upper) improve DNA yields by adsorbing more sample than is possible with buccal brushes (lower)

Contact EPICENTRE or your local distributor to discuss discounts for larger quantities, special packaging, or standing orders for any of the above items.

### BuccalAmp™ DNA Extraction Kit

BQ0901S	1 Kit
BQ0908S	8 Kits
BQ0916S	16 Kits

#### Contents:

- 15 tubes (1 extraction/tube) of BuccalAmp™ QuickExtract™ Solution 1.0
- 15 individually-packaged sterile Catch-All™ Swabs.

### QuickExtract™ DNA Extraction Solution 1.0

QE09050	50 ml
Bulk solution, sufficient to perform 100 extractions.	

### Catch-All™ Sample Collection Swabs

QEC091H	100 swabs
100 individually-packaged swabs in sterile hard-pack plastic cylinders.	