

# 5 Minutes... From Buccal Swab Sample to PCR-Ready DNA

BuccalQuick™



## BuccalQuick™

Buccal Cell DNA Extraction kit

The kit is designed for extraction of PCR-ready genomic DNA from a buccal swab or brush by using a one-buffer, single-tube extraction method. This simplified extraction procedure dramatically reduces the extraction time and labor. The entire extraction process takes about 5 minutes and is fully automatable. DNA yield from a single swab is sufficient to perform more than 25 PCR reactions.

**High DNA recovery**  
**Two simple steps**  
**Easy to automate**

### Product Information

Catalog Number	Kit Size
BQ-50	50 extractions
BQ-100	100 extractions

1-888-825-6005  
www.trimgen.com

**No Column**  
**No Magnetic Beads**  
**No Centrifugation Steps**  
**One Buffer, Single Tube**

### Comparison of extraction methods

Genomic DNA is extracted from a buccal swab using the BuccalQuick™ kit and a kit from provider Q. 5µl of extracted DNA solution is used for PCR amplification of β-globin gene.

1 2 3 4 5 6 7 8 9



Lane 1: Blank  
Lane 2: Provider Q kit. Amplicon size 268 bp  
Lane 3: BuccalQuick kit. Amplicon size 268 bp  
Lane 4: Blank  
Lane 5: Provider Q kit. Amplicon size 536 bp  
Lane 6: BuccalQuick kit. Amplicon size 536 bp  
Lane 7: Blank  
Lane 8: Provider Q kit. Amplicon size 989 bp **Failed**  
Lane 9: BuccalQuick kit. Amplicon size 989 bp **Succeeded**

  
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