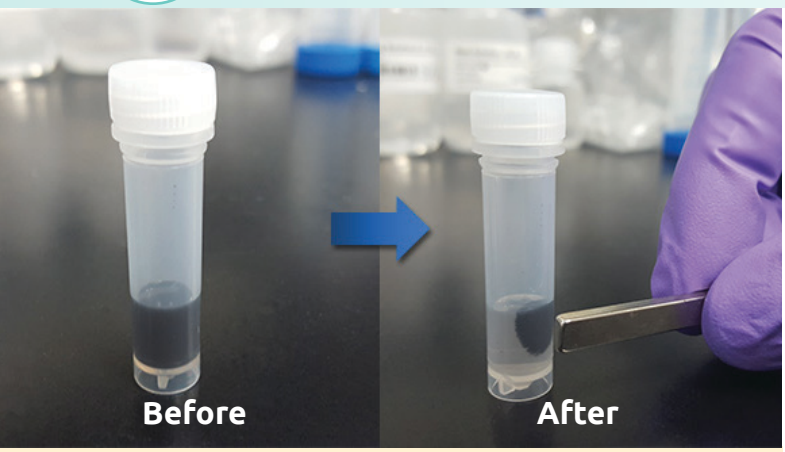
High Throughput Saliva DNA Isolation Kit

Magnetic Bead Sytem - Automation



- Isolate high quality and quantity DNA from fresh, frozen or preserved saliva samples
- Fast and easy processing using a magnetic bead system
- High Integrity DNA (up to 50kb)
- Consistent, high yields of genomic DNA

Saliva DNA can either be isolated from saliva samples collected and preserved using Norgen's Saliva Collection and Preservation Devices or fresh saliva samples. After a brief Proteinase K incubation, Magnetic Bead Suspensions are added to the sample and then placed on the magnetic separation rack.

Only the DNA will bind to the magnetic beads, while most of the proteins will be removed in the supernatant. The bound DNA is then washed in order to remove any remaining impurities, result-ing in a high quality DNA elution.

High Integrity DNA

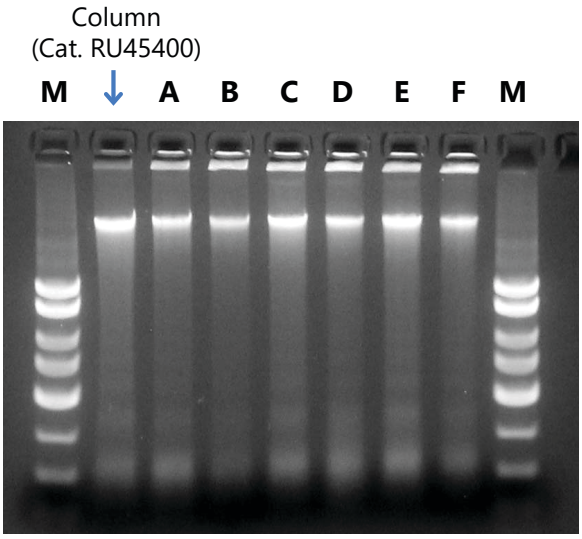


Figure 1. Resolution of DNA Isolated from Preserved Saliva Samples.

Application Ready DNA

Genotyping | DNA Microarray | Next-Gen Sequencing | SNP Analysis

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Comparable Concentration vs. Column-based methods

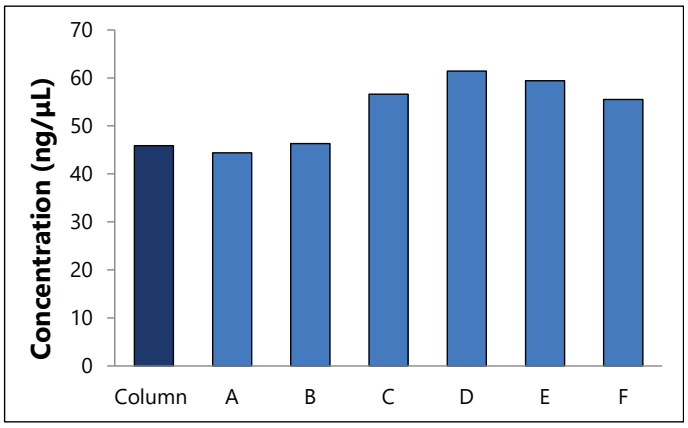

Figure 2. Comparison of Saliva DNA Isolation Methods (Column vs. Magnetic Bead System)

Consistent Isolation of High Quality DNA

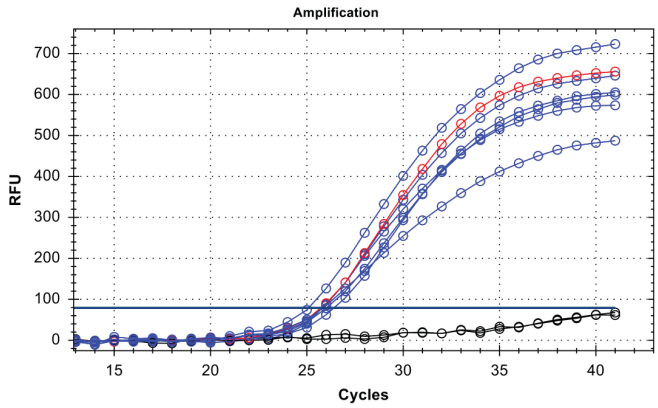

Figure 3. High Quality DNA confirmed by Real-time PCR.

Hierarchical Clustering Dendogram

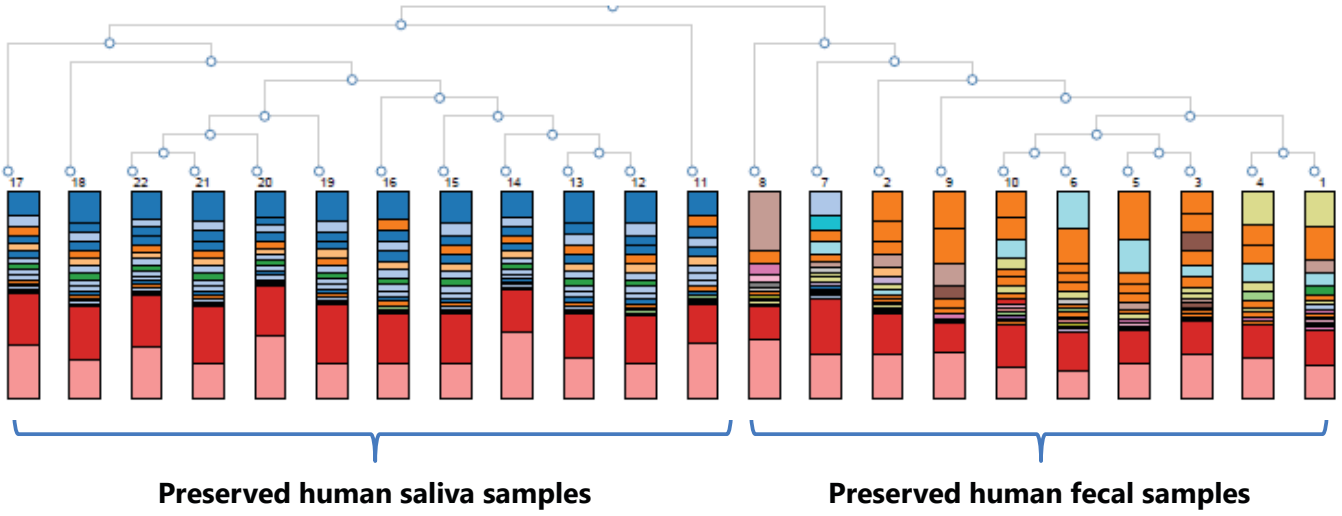

Figure 4. Hierarchical clustering of samples based on genus-level classifications, including a bar chart showing the relative abundance of genus-level classifications for each sample in the dendrogram.

Ordering information

Description	Size	Cat. Number
Saliva DNA Isolation Kit (Magnetic Bead System)	50 preps	RU55400
Saliva DNA Isolation Kit	50 preps	RU45400
Saliva Collection & Preservation Devices	50 units	RU49000

v2.0

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