MagGenome®

# Simple, quick DNA isolation method from saliva samples

MAGNETIC NANOPARTICLE BASED

SALIVA DNA ISOLATION PROTOCOL

1 **Lysis**

2 **Binding**

3 **Washing**

4 **Elution**

## XpressDNA Saliva Kit

VISIT US FOR MORE INFORMATION

WWW.MAGGENOME.US

## Product Description

XpressDNA Saliva kit is based on a novel patented magnetic nanoparticle technology which allows the user to perform high-quality genomic DNA isolation from saliva samples with utmost purity. Using this kit, one can perform extraction and saliva DNA purification from fresh/preserved/stored saliva samples. A 500µl of sample gives an average yield of 21.93 µg. Since this kit can be used to extract both host cells and the normal microbiota present in the individuals, it can be highly advantageous in metagenomics study.

## Highlights

- Highly recommended for non-invasive clinical applications
- No Harsh chemicals are used
- High through-put DNA extraction
- Fast and hassle-free processing
- Amenable for various downstream processing like PCR, Restriction digestion and sequencing

**Genomic DNA extraction using XpressDNA Saliva kit**

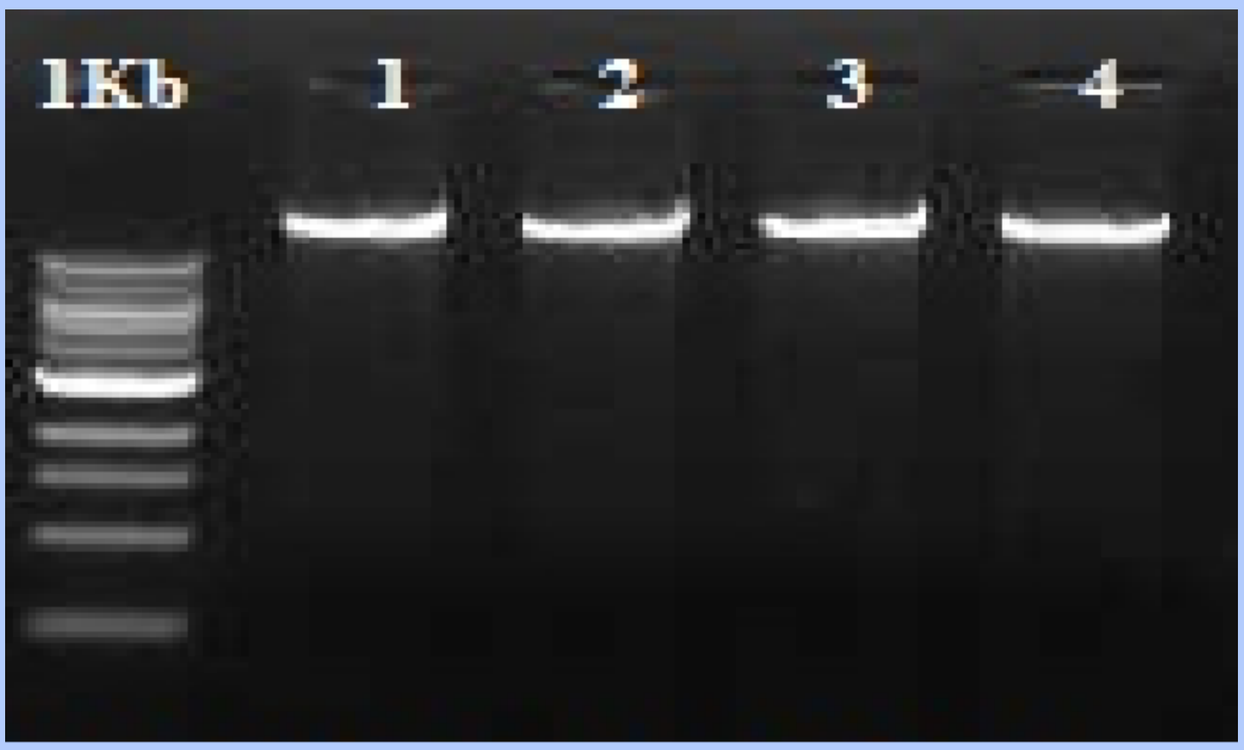


Figure 1: Genomic DNA extracted from 0.5 ml of human saliva. Lanes 1-4 represents genomic DNA extracted from saliva samples from four healthy individuals.

**PCR amplification of genomic DNA**

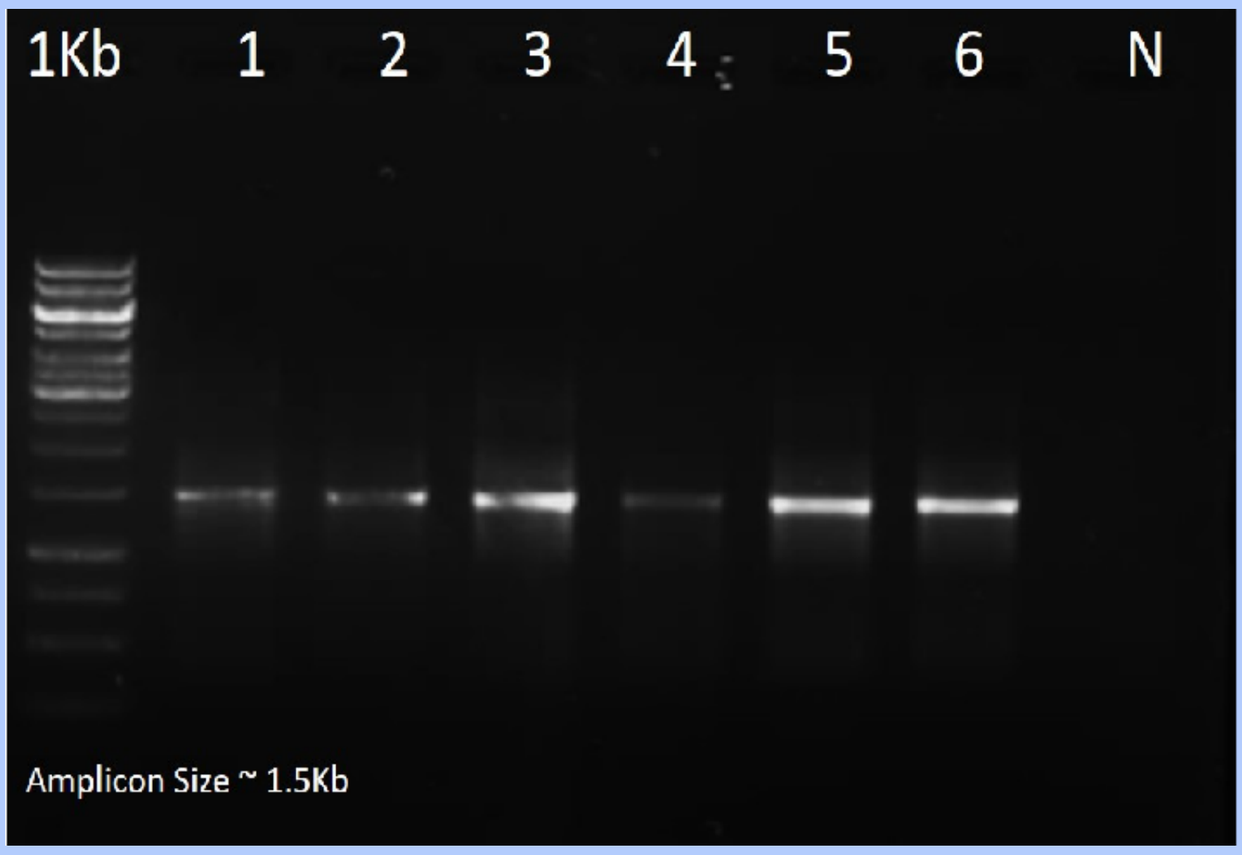


Figure 2: Lanes 1-6 PCR amplification using bacterial 16S -rRNA primer using 27F/1492R; N - Negative control

Email: info@maggenome.com Website: www.maggenome.us Phone : 1-844-624-6266