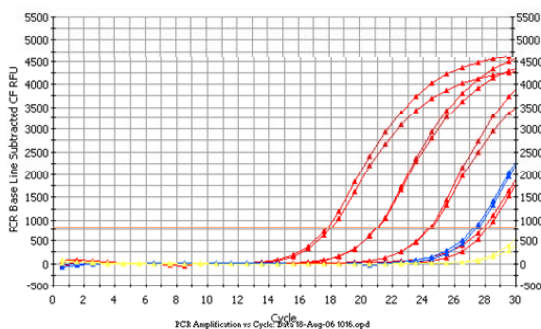


# Urine DNA Isolation for Exfoliated Cells or Bacteria

**NORGEN**  
BIOTEK  CORP.



For the rapid and efficient purification of DNA from exfoliated cells or bacteria in urine

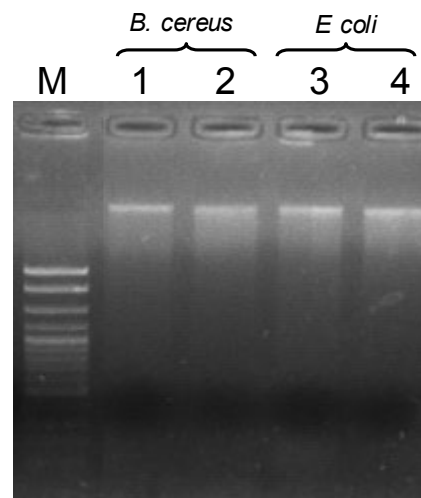


▲ DNA Standards    ▲ DNA from Urine    ▲ No Template

Genomic DNA was isolated from the exfoliated cells found in a 1 mL urine sample using Norgen's Urine DNA Isolation Kit for Exfoliated Cells or Bacteria. The isolated DNA was then subjected to quantitative PCR using human beta actin gene primers to detect the genomic DNA. The red lines in the PCR baseline graph above correspond to DNA standards, while the blue line corresponds to the successful PCR results when DNA isolated from the exfoliated cells in 1 mL of urine were used as the template.

## Features

- ✓ Simple and convenient spin column isolation
- ✓ Protocols available for plasma, serum, ascitic fluid and urine
- ✓ High quality, inhibitor-free RNA for sensitive downstream applications



### Isolation of Genomic DNA from both Gram Positive and Gram Negative Urine Bacteria.

Norgen's Urine DNA Isolation Kit for Exfoliated Cells or Bacteria was used to isolate genomic DNA from 1 mL urine samples spiked with the Gram positive bacteria *B. cereus* (1 million cells/mL) (Lanes 1 and 2), and the Gram negative bacteria *E. coli* (1 million cells/mL) (Lanes 3 and 4). The provided protocol was followed, and the bacterial DNA was eluted in 100 µL of Elution Buffer. One tenth from each elution was loaded on 1.2% agarose gel. Lane M is Norgen's MidRanger 1kb DNA Ladder. As it can be seen, genomic DNA could be successfully isolated from both Gram positive and Gram negative bacteria.

**Kit**

**Cat. #**

Urine DNA Isolation Kit for Exfoliated Cells and Bacteria

47050

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