innuPREP Bacteria DNA Kit

DISCONTINUED - Replaced by innuPREP DNA Mini Kit 2.0

The innuPREP Bacteria DNA Kit has been designed for isolation of DNA from Gram-positive and Gram-negative bacteria cells derived from liquid cultures.

The extraction procedure starts with centrifugation of bacterial cultures and a subsequent pre-lysis step. Especially when processing Gram-positive bacteria (e.g. Staphylococcus strains) this step significantly enhances the yield of bacterial DNA. The pre-lysis step is followed by Proteinase K digestion and subsequent DNA isolation using spin column technology. By this means the innuPREP Bacteria DNA Kit allows a fast and efficient isolation of DNA from a broad spectrum of bacteria. The bacterial DNA is available in approximately 15 minutes after lysis of starting material. The isolated DNA is suitable for all downstream applications commonly used.

Product Name: innuPREP Bacteria DNA Kit

Product details

Extract: DNA
Reactions: 10 / 50 / 100 / 250 (either or)
Sample type/Starting material: Bacterial cell culture or pellets (gram+ & gram-) & Yeast
Specifications:

Binding capacity

Column binding capacity: > 100 µg gDNA

Starting material

Up to 1 x 10exp9 cultured pellets of Gram-positive and Gram-negative bacteria

Extraction Time
Approximately 15 minutes after lysis step

Quality
1.7 – 2.0

Average Yield
Depends on sample and used volume