innuPREP Bacteria DNA Kit - IPC16

Using the innuPREP Bacteria DNA Kit - IPC16 allows researchers to isolate bacterial DNA both from bacterial cultures (gram+ and gram-) and from tissue samples.
Each Reagent Strip is prefilled and ready to use for 1 sample.

The corresponding extraction routine takes place on the InnuPure C16 touch automation system. Following external lysis, the sample is transferred to pre-filled, sealed Reagent Strips/Plates. The subsequent processes of binding the nucleic acid to magnetic particles, washing and final elution are fully automated. The option of initially lysing the cell walls with lysozyme, especially if working with gram+ bacteria, is recommended. Yields and purity of the isolated bacterial DNA are excellent.
The innuPREP Bacteria Lysis Booster is also available to further optimize the lysis of bacterial cells, particularly with regard to bacterial strains that are difficult to lyse.

Product Name: innuPREP Bacteria DNA Kit - IPC16

Product details

Low Throughput Device: InnuPure C16touch
Extract: DNA
Reactions: 16 or 96 (IPC16 - Strip)
Sample type/Starting material: Bacterial cell culture or pellets (gram+ & gram-) & Yeast
Specifications:

Product Details

Suitable for tissue samples and for gram+ or gram- bacterial pellets
Optional cell-wall lysis using lysozyme
Fast, simultaneous DNA isolation from up to 16 samples thanks to pre-filled Reagent Strips/Plates

Starting material

- Bacterial pellets (gram+ and gram-) after culturing (not more than 1 x 10exp9 cells)

Extraction time
Lysis: 30 - 40 minutes
InnuPureC16 touch protocol: approx. 45 minutes

Average yield
Depends on the type and quantity of the Starting material
Up to 25 µg

Average purity
1,8–2,0

The online shop

Price: € 152.25
Content: 16 reactions
Please select packing 16 reactions ▼