innuPREP Plasmid Mini Kit 2.0

The innuPREP Plasmid Mini Kit 2.0 allows the fast and easy isolation of plasmid DNA from bacterial cultures. To gain an optimal result, protocol steps as well as the chemistry and spin filters were improved in comparison to the precursor product innuPREP Plasmid Mini Kit.

The process is based on the combination of an alkaline lysis and binding of the plasmid DNA to a filter membrane after precipitation of the chromosomal DNA and bacterial proteins. Bound plasmid DNA is then washed and finally eluted by using a low-molar buffer. The isolated plasmid DNA can be used for a number of sensitive downstream applications, like transfection, cloning, PCR or sequencing. The new procedure also allows for processing of 0.5 ml to 15 ml of bacterial cultures using a table-top centrifuge (after lysis). With the new filter membrane up to 80 µg pDNA can be isolated from one sample.

Product Name: innuPREP Plasmid Mini Kit 2.0

Product details

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

Average yield

Depending on the sample and culture volume
Typical yield from 2 ml (high copy Plasmid): approx. 6 – 20 µg
Typical yield from 15 ml (high copy Plasmid): approx. 60 – 80 µg

Starting material

Bacteria cultures (0.5 to 15 ml)
Extraction of high copy plasmid DNA/ low copy plasmid DNA, P1 constructs and cosmid DNA

Average purity
1,7 – 2,0

Extraction time
Approx. 15 min

Binding capacity
Approx. 80 µg pDNA

The online shop

Price: € 23.00
Content: 10 reactions
Please select packing 10 reactions ▼