

# NucleoSpin® Plasmid (NoLid)

## 1 Kit contents

NucleoSpin® Plasmid (NoLid)		
REF	12 preps 740499.12C	240 preps 740499.240C
Resuspension Buffer A1	15 mL (add RNase A before first use)	100 mL (add RNase A before first use)
Lysis Buffer A2	15 mL	100 mL
Neutralization Buffer A3	20 mL	200 mL
Wash Buffer AW	30 mL	2 x 100 mL
Wash Buffer A4 (Concentrate)	6 mL (add 24 mL ethanol before first use)	100 mL (add 400 mL ethanol before first use)
Elution Buffer AE	30 mL	125 mL
RNase A (lyophilized)	6 mg	40 mg
NucleoSpin® Plasmid (NoLid) Columns (white rings)	12	4 x 60
User manual	1	1

## 2 How to use the kit

Refer to the protocol information on the following pages for technical details on using the kit. For further questions or detailed instructions, particularly regarding the use of the kit with specific robotic instruments, please contact MACHEREY-NAGEL at [support@mn-net.com](mailto:support@mn-net.com).

For storage conditions, product use restrictions, and safety information, please see the general NucleoSpin® Plasmid (NoLid) user manual.

### NucleoSpin® kits on QIAcube®

MN is not recommending to use this kit on specific robots. The use of NucleoSpin® kits on the QIAcube® is solely at your own discretion. MACHEREY-NAGEL is not responsible for loss of warranty claims or other consequences.

### 3 General information

Application:	Plasmid DNA
Kit:	NucleoSpin® Plasmid (NoLid) (REF 740499.240C) instead of: QIAprep® Spin Miniprep Kit
Sample material:	Up to 5 mL LB cultures (for TB or 2x YT medium use up to 2.5 mL culture volume)
Protocol name:	Plasmid DNA purification using the QIAprep® Spin Miniprep Kit (with PB wash) DNA_QIAprepMiniprep_UpTo5mLBCultures_Standard_V3
Editable parameters:	Elution volume: 30–100 µL; default 50 µL

### 4 Using the kit

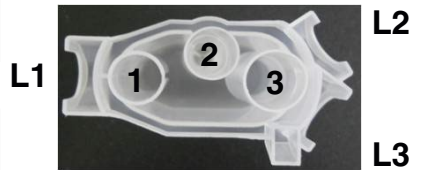
1. Fill the designated buffer bottles with the buffers according to the buffer table below (make sure that RNase A was added to Buffer A1 in advance).
2. Harvest bacterial cells of up to 5 mL LB cultures by centrifugation at 6800 x g for 3 minutes.
3. Place Sample Tubes (2 mL Safe-Lock microcentrifuge tubes) containing the pelleted bacterial cells into sample rack (shaker).
4. Insert disposable Filter Tips 1000 µL and 1000 µL wide-bore.
5. General equipment setup is shown below.

### 5 Additional materials

Refer to the QIAcube® protocol sheet for required consumables (e.g., sample tubes, collection tubes, instrument accessories, disposable tips, etc.) and software requirements.

## 6 Rotor adapter

Position	Labware	Lid position
1	NucleoSpin® Plasmid (NoLid) Column	L1
2	–	–
3	1.5 mL collection tube*	L3



\* Sarstedt, Micro tube 1.5 mL Safety Cap

## 7 Buffers (Reagent Bottle Rack)

Position	MN Reagent	Replaced QIAGEN® Reagent
1	Buffer A1	Buffer P1
2	Buffer A2	Buffer P2
3	Buffer A3	Buffer N3
4	Buffer AW	Buffer PB
5	Buffer A4	Buffer PE
6	Buffer AE	Buffer EB

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## 8 Product use restriction / warranty

All MACHEREY-NAGEL products are designed for their intended use only. They are not intended to be used for any other purpose. The description of the intended use of the products can be found in the original MACHEREY-NAGEL product leaflets. Before using our products, please observe the instructions for use and the safety instructions from the respective Material Safety Data Sheet of the product. This MACHEREY-NAGEL product is carrying documentation stating specifications and other technical information. MACHEREY-NAGEL warrants to meet the stated specifications. The provided warranty is limited to the data specifications and descriptions as given in the original MACHEREY-NAGEL literature. No other statements or representations, written or oral, by MACHEREY-NAGEL's employees, agents or representatives, except written statements signed by a duly authorized officer of MACHEREY-NAGEL are authorized. They should not be relied upon by the customer and are not a part of a contract of sale or of this warranty. Liability for all possible damages that occur in any connection with our products is limited to the utmost minimum as stated in the general business terms and conditions of MACHEREY-NAGEL in their latest edition which can be taken from the company's website. MACHEREY-NAGEL does not assume any further warranty. Products and their application are subject to change. Therefore, please contact our Technical Service Team for the latest information on MACHEREY-NAGEL products. You may also contact your local distributor for general scientific information. Descriptions in MACHEREY-NAGEL literature are provided for informational purposes only.

Please contact:

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