

NucleoSpin® Gel and PCR Clean-up

1 Kit contents

NucleoSpin® Gel and PCR Clean-up		
REF	12 preps 740609.12c	240 preps 740609.240c
Binding Buffer NT1	40 mL	200 mL
Wash Buffer NT3 (Concentrate)	6 mL (add 24 mL ethanol before first use)	60 mL (add 240 mL ethanol before first use)
Elution Buffer NE	30 mL	125 mL
NucleoSpin® Gel and PCR Clean-up Columns (yellow rings)	12	4 x 60
User manual	1	1

2 How to use the kit

Please see the protocol information how to use the kit (see next pages). For further questions and more detailed information, please contact MACHEREY-NAGEL at tech-bio@mn-net.com for protocol information how to use the kit on specific robotic instruments.

For storage conditions, product use restrictions, and safety information, please see the general NucleoSpin® Gel and PCR Clean-up 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:	Clean-up
Kit:	NucleoSpin® Gel and PCR Clean-up (REF 740609.240C) instead of: QIAquick® PCR Purification Kit
Sample material:	Amplification reaction
Protocol name:	QIAquick® PCR Purification protocol Cleanup_QIAquickPCR_AmplificationReactions_Standard_V4
Editable parameters:	Elution volume: 30–100 µL; default 50 µL Fill-up volume: 0–96 µL; default 50 µL

4 Using the kit

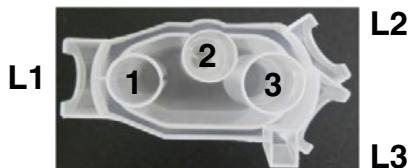
1. Fill the designated buffer bottles with the buffers according to the buffer table on page 3.
2. Samples: 5–100 µL PCR reaction
For PCR sample volume < 100 µL, the QIAcube® has to fill up the sample volume to 100 µL. Make sure to enter the volume of Elution Buffer NE that the QIAcube® should use to adjust the sample volume to 100 µL before starting the purification procedure.
3. Place Sample Tubes (2 mL Safe-Lock microcentrifuge tubes) into sample rack (shaker).
4. Insert disposable Filter Tips 1000 µL and 200 µL.
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® Gel and PCR Clean-up 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 NT1	Buffer PB or Buffer PBI
2	–	–
3	–	–
4	–	–
5	Buffer NT3	Buffer PE
6	Buffer NE	Buffer EB

Note: MN is not addressing to use this kit on specific robots, it is customer's choice and interest how to use the kit for nucleic acid isolation.

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