

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 × 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.

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

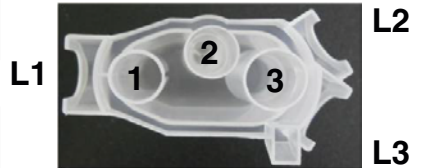
1. Fill the designated buffer bottles with the buffers according to the buffer table on page 3.
2. Samples: 5 – 100 µL PCR reaction
For PCR sample volume < 100 µL, the QIAcube® has to fill up the sample volume to 100 µL. Make sure to enter the volume of Elution Buffer NE that the QIAcube® should use 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

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8 Disclaimer

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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.

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