

NucleoMag® Plant – MagnetaPure 32+

Protocol details

Application	DNA from plant and fungi	
Kit	NucleoMag® Plant	
REF	744400 (.1 / .4)	
Protocol name	NMPlant	
Run time	approx. 19 min	Rev 01



Five easy steps

Procedure	
1	Perform lysis according to the user manual NucleoMag® Plant.
2	Fill the 96-well Deep-well plates according to the table below.
3	Load the plates on the MagnetaPure 32+.
4	Insert tip combs on the mounting grooves.
5	Select the protocol from the instrument menu and start run.
Note: Please equip all tip combs in order to cover the magnetic rods in used and unused wells.	

Loading table for plate 1 and 2

Position	Reagents	Samples per plate
Column 1 + 7	Cleared lysates (400 µL), NucleoMag® C-Beads (30 µL), Binding Buffer MC2 (400 µL)	Sample 1-8 Sample 9-16
Column 2 + 8	Wash Buffer MC3 (600 µL)	Sample 1-8 Sample 9-16
Column 3 + 9	Wash Buffer MC4 (600 µL)	Sample 1-8 Sample 9-16
Column 4 + 10	Ethanol 80% (600 µL)	Sample 1-8 Sample 9-16
Column 5 + 11	Wash Buffer MC5 (600 µL)	Sample 1-8 Sample 9-16
Column 6 + 12	Elution Buffer MC6 (100 µL)	Sample 1-8 Sample 9-16

Note: Please refer to the image below for a visual representation of the loading scheme

Loading scheme

	1	2	3	4	5	6	7	8	9	10	11	12	
A													
B													
C													
D													
E													
F													
G													
H													
	Binding (830 µL)	1 st Wash (600 µL)	2 nd Wash (600 µL)	3 rd Wash (600 µL)	4 th Wash (600 µL)	Elution buffer (100 µL)	Binding (830 µL)	1 st Wash (600 µL)	2 nd Wash (600 µL)	3 rd Wash (600 µL)	4 th Wash (600 µL)	Elution buffer (100 µL)	

Additional consumables and instrumentation

Product	Specification	REF
MagnetaPure 32+	Automated nucleic extraction system for MACHEREY-NAGEL's NucleoMag® kits enabling parallel processing of up to 32 samples	747010
96 Deep-well Plate	96 deep-well plates for MagnetaPure 32+ (25 pieces)	744955
Tip Combs	8-well tip combs for MagnetaPure 32+ (50 pieces)	744960

Disclaimer

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