

NucleoMag[®] NGS Clean-up (DNA/RNA) –

NucleoMag[®] X32

Protocol details

Application	PCR Clean-up
Kit	NucleoMag [®] NGS Clean-up and Size Select (Protocol 5.4)
REF	744970 (.5 / .50 / .500)
Protocol name	NMNGSCleanup
Run time	approx. 31 min



Protocol steps

Procedure	
1	Fill the 96-well Deep-well plates according to the table below.
2	Load the plates on the NucleoMag [®] X32.
3	Insert tip combs on the mounting grooves.*
4	Select the protocol from the instrument menu and start run.
Notes: * Please equip all tip combs in order to cover the magnetic rods in used and unused wells.	

Required consumables and instrumentation provided by user

Product	Specification	REF
NucleoMag [®] X32	Automated nucleic extraction system for MACHEREY-NAGEL's NucleoMag [®] kits enabling parallel processing of up to 32 samples	747020
96 Deep-well Plate	96 deep-well plates for NucleoMag [®] X32 (25 pieces)	744955
Tip Combs	8-well tip combs for NucleoMag [®] X32 (50 pieces)	744960

Find more NucleoMag[®] X32 protocol information and scripts here: <https://www.mn-net.com/de/NucleoMag-X32-Scripts>



Loading table

Position	Reagents	Samples per plate
Column 1 + 7	DNA / RNA sample* (100 µL), NucleoMag® NGS Beads (180 µL)	Sample 1-8 Sample 9-16
Column 2 + 8	80% Ethanol (200 µL)	Sample 1-8 Sample 9-16
Column 3 + 9	80% Ethanol (200 µL)	Sample 1-8 Sample 9-16
Column 4 + 10	empty	- -
Column 5 + 11	empty	- -
Column 6 + 12	Elution Buffer (25 µL)**	Sample 1-8 Sample 9-16

Notes:

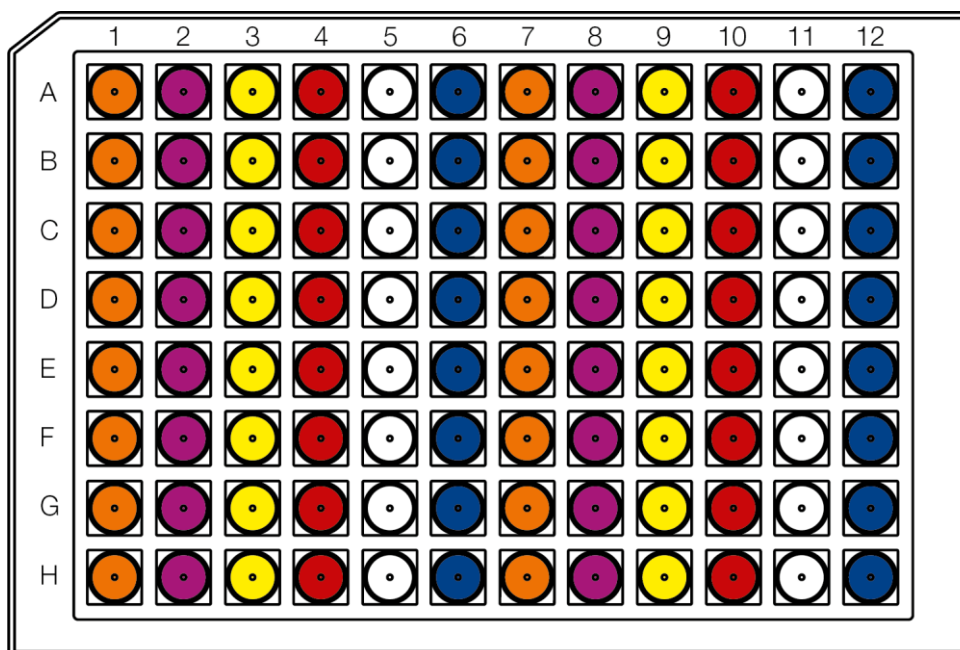
Please refer to the image below for a visual representation of the loading scheme

* Sample volume can be adjusted (10 -100 µL); Ratio between sample volume and NGS

Bead Suspensions should be kept constant (1:1.8)

** Elution can be performed in a minimal volume of 20 µL

Loading scheme



Disclaimer

Information

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