# 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



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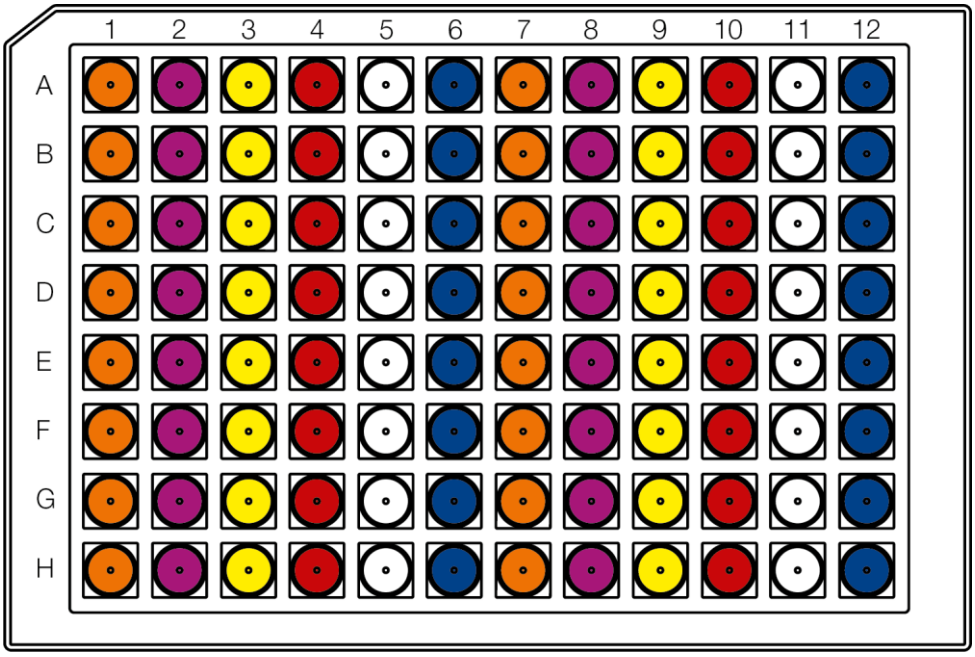
## Loading table

| | Position | Reagents | Samples per plate |
|---|---|---|---|
| ■ | Column 1 + 7 | DNA / RNA sample* (100 µL), NucleoMag® NGS Beads (180 µL) | Sample 1-8<br>Sample 9-16 |
| ■ | Column 2 + 8 | 80% Ethanol (200 µL) | Sample 1-8<br>Sample 9-16 |
| ■ | Column 3 + 9 | 80% Ethanol (200 µL) | Sample 1-8<br>Sample 9-16 |
| ■ | Column 4 + 10 | empty | -<br>- |
| □ | Column 5 + 11 | empty | -<br>- |
| ■ | Column 6 + 12 | Elution Buffer (25 µL)** | Sample 1-8<br>Sample 9-16 |
| | *Notes:* | *Please refer to the image below for a visual representation of the loading scheme*<br>* Sample volume can be adjusted (10 -100 µL); Ratio between sample volume and NGS Bead Suspensions should be kept constant (1:1.8)<br>** Elution can be performed in a minimal volume of 20 µL | |

## Loading scheme




## Disclaimer

### Information





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