

NucleoMag® RNA Pro – MagnetaPure 32+

Protocol details

| Application | Highly pure RNA from tissue and plant leaf material | |
|---------------|---|--|
| Kit | NucleoMag [®] RNA Pro | |
| REF | 744360 (.1 /.4) | |
| Protocol name | NMRNAPROaRev01, NMRNAPRObRev01 | |



Seven easy steps

| Procedure | | |
|-----------|---|--|
| 1 | Perform lysis according to the user manual NucleoMag® RNA Pro. | |
| 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 protocol NMRNAPROaRev01. | |
| 6 | After the run (approx. 44 min), dispense 350 µL of Binding Buffer MRB to the DNA digestion (column 4 + 10). ** | |
| 7 | Place the plate back into the MagnetaPure 32+ slide in the tip combs and proceed with protocol NMRNAPRObRev01 (approx. 34 min). | |
| Motor | * Places and in all the people in angle to account the magnetic work in used and unused wells | |

* Please equip all tip combs in order to cover the magnetic rods in used and unused wells.

Loading table

| Position | Reagents | Samples per plate |
|------------------|---|-------------------|
| Column 1 + 7 | Cleared Lysate (350 μL), Binding Reagent (250 μL)*, | Sample 1-8 |
| Column 1 + 7 | NucleoMag [®] B-Beads (20 μL) | Sample 9-16 |
| Column 2 0 | Mach Buffer MDM (000 ut) | Sample 1-8 |
| Column 2 + 8 | Wash Buffer MRW (900 μL) | Sample 9-16 |
| Caluman 2 : 0 | Ethanal 700/ (000 vl.) | Sample 1-8 |
| Column 3 + 9 | Ethanol 70% (900 μL) | Sample 9-16 |
| Column 4 + 10 | rDNIggo register mixture (200 ul.) | Sample 1-8 |
| Column 4 + 10 | Column 4 + 10 rDNase reaction mixture (300 μL) | |
| Column F + 11 | Ethanal 70% (000 ul.) | Sample 1-8 |
| Column 5 + 11 | Ethanol 70% (900 μL) | Sample 9-16 |
| Column 6 + 12 | Flution Buffor MDF (400 ul.) | Sample 1-8 |
| Coluitiii 6 + 12 | Elution Buffer MRE (100 μL) | Sample 9-16 |

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

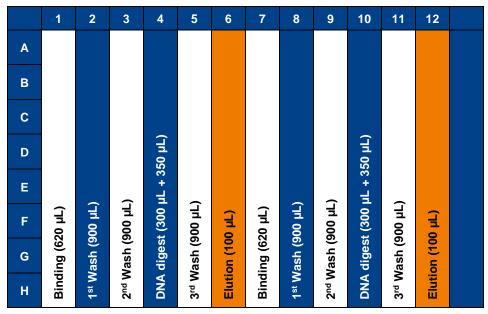


^{**} To remove the plate the tip combs have to be temporarily removed, they can be reused in their respective positions, but we recommend using a new set of tip combs after placing the plate back into the instrument.

^{*} Use binding reagent for different sample types according to the user manual NucleoMag® RNA Pro.



Loading scheme



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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