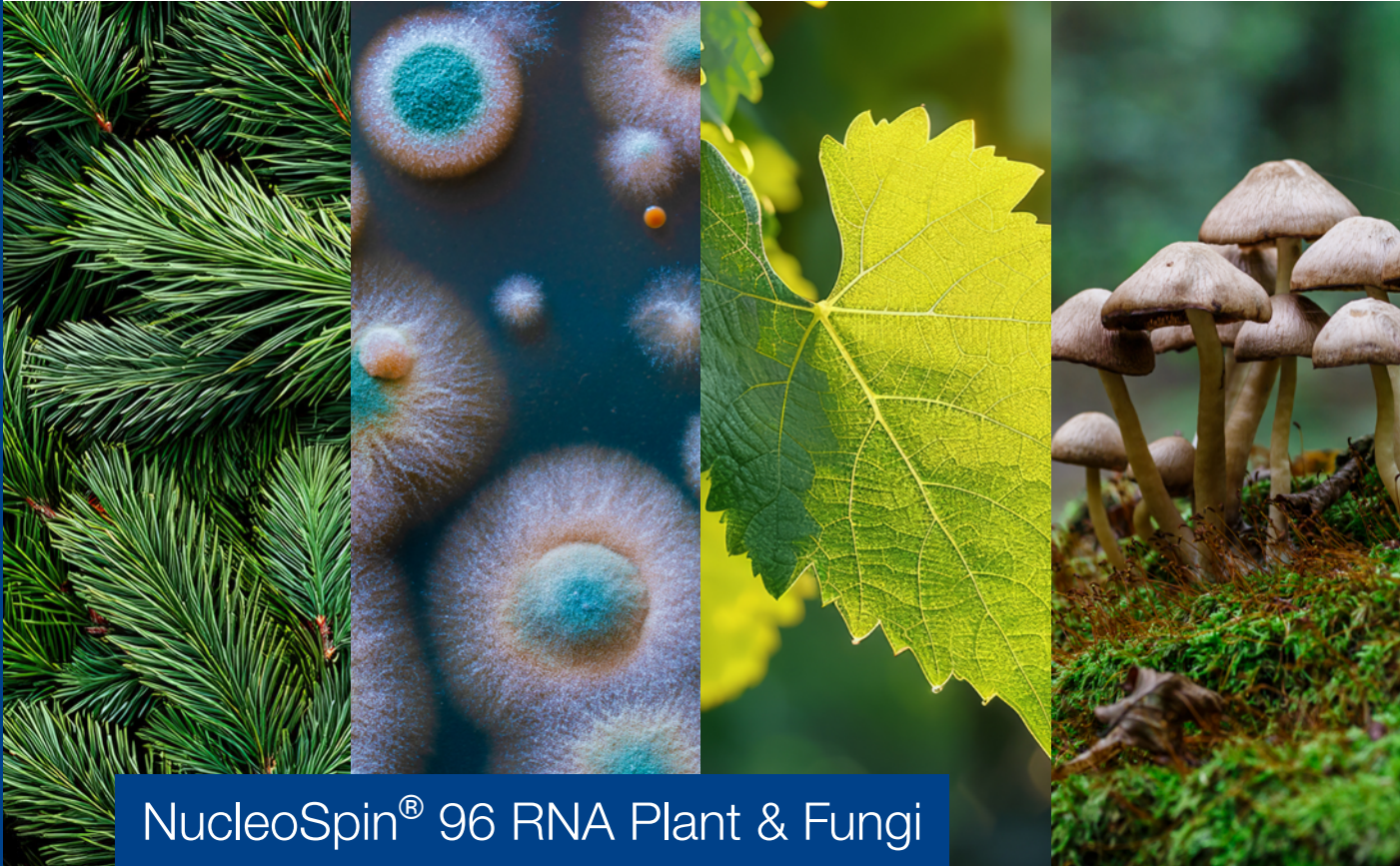


MACHEREY-NAGEL

High-throughput RNA purification from plant and fungal material

Bioanalysis



NucleoSpin® 96 RNA Plant & Fungi

For consistent transcriptomic analysis across plants and fungi

- High-throughput processing on multiple platforms
- Adjustable protocol for your type of sample
- Consistent removal of secondary metabolites

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High-throughput RNA purification from plant and fungi material

NucleoSpin® 96 RNA Plant and Fungi

MACHEREY-NAGEL now offers the NucleoSpin® 96 RNA Plant and Fungi Kit to perform transcriptomic analysis of plants and fungi at a high throughput. It combines the silica-membrane technology and buffer composition of our reliable single-spin version in an easy-to-use 96-well format.

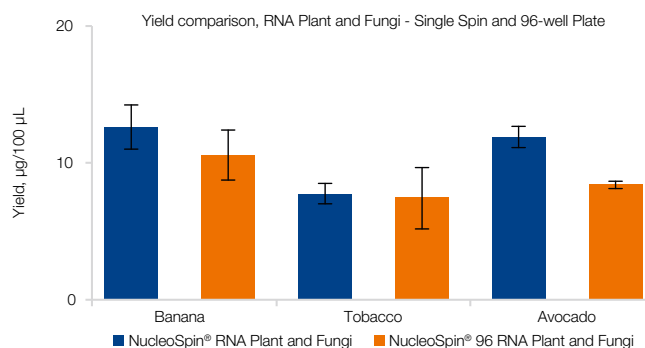
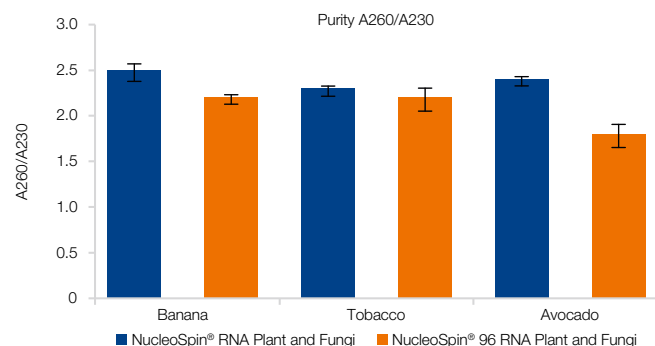
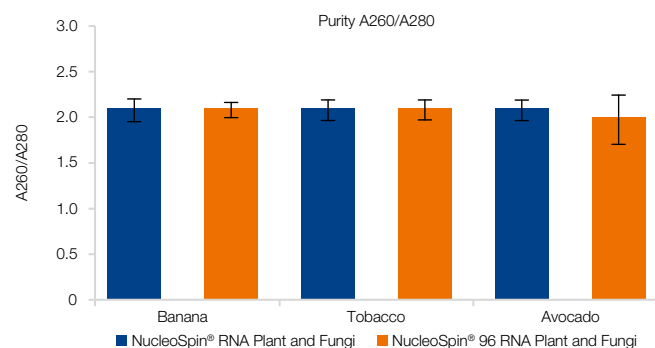
Product at a glance

	96-well NucleoSpin® 96 RNA Plant and Fungi
Technology	Silica membrane technology
Sample material	Up to 500 mg of plant or fungal material (wet weight)
Fragment size	> 200 nt
Typical yield	10 – 60 µg depending on sample material and quality
Elution volume	100 µL (70 – 150 µL)
Preparation time	50 min / plate (without lysis)

Successfully tested for:

- Grape leaves (*Vitis vinifera*)
- Pine needles (*Pinus spp.*)
- Lemon (*Citrus limon*)
- Tobacco leaves (*Nicotiana tabacum*)
- Wheat (*Triticum aestivum*)
- Potato (*Solanum tuberosum*)
- Apple (*Malus domestica*)
- Banana (*Musa spp.*)
- Avocado (*Persea americana*)
- Alfalfa (*Medicago sativa*)
- Currant leaves (*Ribes spp.*)
- Champignons (*Agaricus bisporus*)
- King Oyster Mushroom (*Pleurotus eryngii*)

Application data



Consistent yields and purities

RNA was isolated from bananas, tobacco leaves and avocados using both the NucleoSpin® RNA Plant and Fungi kits – single spin and 96-well. RNA concentrations and purities were determined via UV-spectrometry.



Ordering information

Product	Preps	REF
■ NucleoSpin® 96 RNA Plant and Fungi	1 × 96 / 4 × 96	740128.1 / .4
■ NucleoSpin® 96 RNA Plant and Fungi Core* Kit	4 × 96	740129.4
■ NucleoSpin® RNA Plant and Fungi	10 / 50 / 250	740120.10 / .50 / .250
Related products		
MN Bead Plate Type G	1 × 96 / 4 × 96	740855.1 / .4
MN Bead Tubes Type G	50	740817.50

*Kits with basic content focused on automation platforms. Additional accessories can be combined as needed.

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Management System
EN ISO 13485:2016
ISO 9001:2015

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ID 0000056401



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