

MACHEREY-NAGEL

Automating NucleoMag[®] kits on the Maelstrom 4800



Convenient purification of high quality DNA and RNA

- Automation of our proven NucleoMag[®] chemistry
- Fast and reliable nucleic acid purification on the Maelstrom 4800 instrument
- High quality DNA and RNA ready to use for your downstream application

Bioanalysis

MACHEREY-NAGEL

www.mn-net.com



Application Overview – Maelstrom 4800

MACHEREY-NAGEL scripts available for Maelstrom platforms

MN developed nucleic acid extraction protocols making it possible to process our proven NucleoMag® kits on the TANbead Maelstrom platforms. Get an overview about available scripts for the Maelstrom 4800 platform.

TANBead Maelstrom 4800



Description	Automated nucleic acid extraction instrument
Technology	Magnetic rods; mixing by whirl stirring
Capacity	up to 48 samples/run
Footprint	58.0 x 47.0 x 43.0 cm

NucleoMag® kits	Specifications	Preps	REF
Viral RNA and DNA			
	NucleoMag® Pathogen	For purification of viral nucleic acids and bacterial DNA from clinical samples	1 x 96 4 x 96 744210.1 744210.4
	NucleoMag® Virus	For isolation of viral RNA and DNA from biological fluids	1 x 96 4 x 96 744800.1 744800.4
	NucleoMag® Vet	For isolation of viral nucleic acids and bacterial DNA from veterinary samples	1 x 96 4 x 96 744200.1 744200.4
DNA purification			
	NucleoMag® Tissue	Flexible magnetic bead based purification of DNA from a broad range of samples	1 x 96 4 x 96 24 x 96 744300.1 744300.4 744300.24
	NucleoMag® DNA Bacteria	Magnetic bead based kit for the isolation of genomic DNA from bacteria and yeast	1 x 96 4 x 96 744310.1 744310.4
	NucleoMag® DNA Food	Flexible magnetic bead based isolation of DNA from food and feed	1 x 96 4 x 96 744945.1 744945.4
	NucleoMag® Blood 200 µL	Flexible magnetic bead based purification of DNA from whole blood	1 x 96 4 x 96 744501.1 744501.4
	NucleoMag® DNA Microbiome	Isolation of genomic DNA from microorganisms in soil, stool and biofilm (swab) samples	1 x 96 4 x 96 744330.1 744330.4
	NucleoMag® DNA Forensic	For DNA isolation from forensic traces	1 x 96 4 x 96 744660.1 74466660.4
	NucleoMag® Plant	Isolation of DNA from a multitude of plant samples	1 x 96 4 x 96 24 x 96 744400.1 744400.4 744400.24
	NucleoMag® DNA/RNA water	Isolation of DNA and RNA from water and air samples	1 x 96 4 x 96 744220.1 744220.4
	RNA purification		
	NucleoMag® RNA	Isolation of RNA from tissue and cell samples	1 x 96 4 x 96 744350.1 744350.4

Request detailed processing information for the above listed NucleoMag® kits from MN technical support.

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