

MACHEREY-NAGEL

# Cloning and Transfection Promotion

Bioanalysis



High purity DNA isolation

- Transfection-grade Plasmid DNA in Miniprep and 96-well formats
- Fast and efficient vacuum processing up to Midiprep
- Reliable clean-up, even for small fragments



**MACHEREY-NAGEL**

[www.mn-net.com](http://www.mn-net.com)



Since 1911

# Cloning and Transfection Promotion

## How do endotoxins influence transfection results?

Endotoxins are lipopolysaccharides in the outer cell membrane of Gram-negative bacteria (such as *E. coli*) and may co-purify with your plasmid DNA.

### Possible effects of endotoxins:

- Cytotoxicity
- Decrease in eukaryotic cell viability
- Inhibit transfection efficiency
- False results in gene expression analyses

MACHERY-NAGEL offers plasmid purification kits in three levels of purity, low to high throughput formats, and with multiple options for processing.

Let us help you to select the right kit for your transfection and/or cloning experiments.



Purity grades	Endotoxin unit / µg DNA	Application	Recommended kits
Molecular biology-grade (>> 50 EU/µg DNA)		Cloning, sequencing	NucleoSpin® Plasmid / (NoLid) NucleoSpin® Plasmid EasyPure
Transfection-grade (< 50 EU/µg DNA)		Transfection of conventional cells	NucleoSnap® Plasmid Midi NucleoSpin® Plasmid Transf. Grade NucleoBond® Xtra Midi / Maxi

For your most sensitive applications, please contact your local MN representative for information on our endotoxin-free (EF, <0.1 EU/µg DNA) kits.

### Ordering information

Product	REF	Preps	Processing	List price	Discount	Promo Price	Free Powerbank*
<b>Plasmid DNA (transfection-grade)</b>							
NEW: NucleoSpin® Plasmid Transfection-grade	740490.50	50	Centrifuge/Vacuum	<del>\$ 85</del>	20 %	\$ 68	
NEW: NucleoSpin® Plasmid Transfection-grade	740490.250	250	Centrifuge/Vacuum	<del>\$ 355</del>	20 %	\$ 284	
NucleoSpin® 96 Plasmid Transfection-grade	740491.1	1 x 96	Centrifuge/Vacuum	<del>\$ 295</del>	20 %	\$ 236	
NucleoSpin® 96 Plasmid Transfection-grade	740491.4	4 x 96	Centrifuge/Vacuum	<del>\$ 1,050</del>	20 %	\$ 840	
NucleoSpin® 96 Plasmid Transfection-grade	740491.24	24 x 96	Centrifuge/Vacuum	<del>\$ 5,221</del>	20 %	\$ 4,177	
NEW: NucleoSnap® Plasmid Midi	740494.10	10	Vacuum	<del>\$ 110</del>	20 %	\$ 88	
NEW: NucleoSnap® Plasmid Midi	740494.50	50	Vacuum	<del>\$ 520</del>	20 %	\$ 416	
<b>Plasmid DNA (molecular biology-grade)</b>							
NucleoSpin® Plasmid	740588.50	50	Centrifuge/Vacuum	\$ 68	20 %	\$ 54	
NucleoSpin® Plasmid	740588.250	250	Centrifuge/Vacuum	<del>\$ 285</del>	20 %	\$ 228	
NucleoSpin® Plasmid (NoLid)	740499.50	50	Centrifuge/Vacuum	<del>\$ 68</del>	20 %	\$ 54	
NucleoSpin® Plasmid (NoLid)	740499.250	250	Centrifuge/Vacuum	<del>\$ 285</del>	20 %	\$ 228	
<b>PCR Clean-up and gel extraction</b>							
NucleoSpin® Gel and PCR Clean-up	740609.50	50	Centrifuge/Vacuum	<del>\$ 85</del>	20 %	\$ 68	
NucleoSpin® Gel and PCR Clean-up	740609.250	250	Centrifuge/Vacuum	<del>\$ 389</del>	20 %	\$ 311	
<b>Accessories</b>							
NEW: NucleoVac 24 Vacuum Manifold (Miniprep and NucleoSnap® kits)	740299			<del>\$ 236</del>	40 %	\$ 142	
NucleoVac 96 Vacuum Manifold (8-well and 96-well kits)	740681			<del>\$ 545</del>	40 %	\$ 327	
NucleoVac Vacuum Regulator	740641			<del>\$ 161</del>	40 %	\$ 97	

\* One free MN Powerbank per order with purchase of the larger size kits. Offer only valid until March 31, 2018 in the USA. Same discounts available through Takara Bio USA.

Promo Code: TRANSFECTION

\* Offer valid until 03/31/2018. Quote TRANSFECTION when placing your order by e-mail, phone, fax, or through our WebShop to receive the promo price plus a free MN Powerbank for selected kits (see table).

www.mn-net.com

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