

MACHEREY-NAGEL

Gold standard plasmid DNA purification



NucleoBond® Xtra Midi/Maxi EF

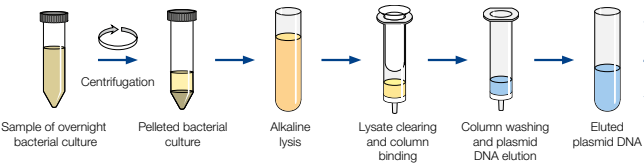
- Results you can trust
- Flawless transfections
- Save time, focus on science

NucleoBond® Xtra at a glance

Outstanding yields and pure plasmid DNA

The NucleoBond® Xtra product series represents our second generation of anion-exchange chromatography column kits designed for the extraction of plasmid DNA. They are distinguished by their use of column filters and specially formulated resin, which facilitates rapid processing at gravity flow.

Workflow overview



Our NucleoBond® Xtra columns are available in Midi and Maxi sizes, offering regular yields of up to 500 µg and 1000 µg of plasmid DNA, respectively. Furthermore, kits for both columns sizes are available in different variations, offering different levels of endotoxin removal and/or including additional syringe filters for desalting.



Ordering information

Product	Preps	REF
■ NucleoBond® Xtra Midi EF	10 / 50	740420.10 / .50
■ NucleoBond® Xtra Midi Plus EF*	10 / 50	740422.10 / .50
■ NucleoBond® Xtra Maxi EF	10 / 50	740424.10 / .50
■ NucleoBond® Xtra Maxi Plus EF*	10 / 50	740426.10 / .50

* NucleoBond® Xtra Plus kits contain NucleoBond® Finalizer for plasmid desalination and concentration.

Visit our website for more in-depth information:

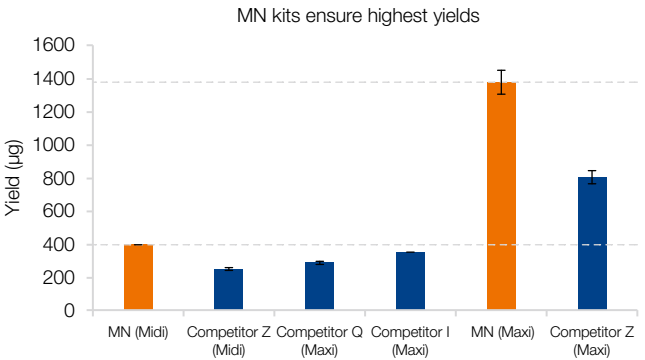


www.mn-net.com/nucleobond-xtra

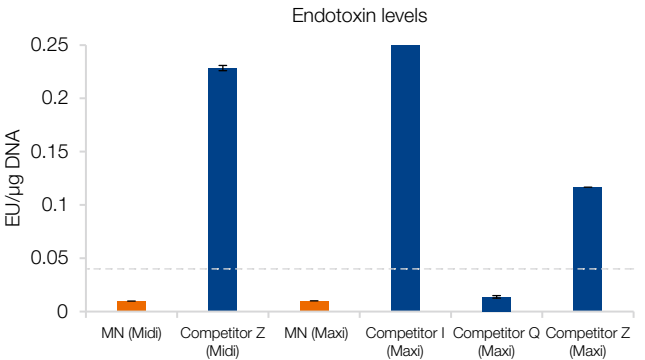
Comparative data

Proven high yield, low endotoxin levels and short preparation time

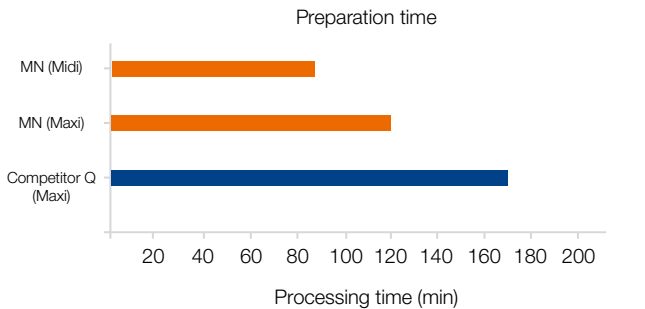
NucleoBond® Xtra columns consistently outperform other anion exchange columns on the market in terms of yield and speed. From simple transfections to cutting-edge applications, the NucleoBond® Xtra kits provide you with a solid and reliable baseline for your research.



Direct comparison of total plasmid yields (pcDNA3.1) grown in LB medium isolated with NucleoBond® Xtra Midi EF and Maxi EF as well as different competitor kits according to the respective user manual.



Endotoxins in EU/µg DNA determined after plasmid DNA isolation with NucleoBond® Xtra Midi EF and Maxi EF show levels below the FDA limit for vaccines (< 0.04 EU/µg DNA).



Processing times of NucleoBond® Xtra Midi EF and Maxi EF compared to competitor Q, including the desalting step by isopropanol precipitation.

List of references

Used by scientists around the world

NucleoBond® Xtra kits are cited in over a hundred papers annually. Discover a selection of publications below.



Selection of publications on NucleoBond® Xtra

Title	Journal	Year	QR-Code
Dominant clones leverage developmental epigenomic states to drive ependymoma	Nature	2026	
ZNF395 is a Hypoxia-Responsive regulator of mitochondrial glutaminolysis in clear cell renal cell carcinoma	Cancer research	2026	
Bladder cancer variants share aggressive features including a CA125+ cell state and targetable TM4SF1 expression.	Nature Communications	2025	

Find more recent publications for our NucleoBond® Xtra kits here:



www.mn-net.com/blog/Recent-citations-for-our-Nucleobond-Xtra-kits

Sample Request

We offer the following NucleoBond® Xtra samples:

Kit name	REF	Extractions
■ NucleoBond® Xtra Midi	740410.2	2
■ NucleoBond® Xtra Midi Plus	740412.2	2
■ NucleoBond® Xtra Maxi	740414.2	2
■ NucleoBond® Xtra Maxi Plus	740416.2	2
■ NucleoBond® Xtra Midi EF	740420.2	2
■ NucleoBond® Xtra Midi Plus EF	740422.2	2
■ NucleoBond® Xtra Maxi EF	740424.2	2
■ NucleoBond® Xtra Maxi Plus EF	740426.2	2

Convince yourself and request a sample now!

Please scan the QR code below to send us your sample inquiry:



<https://www.mn-net.com/sample-request>



Management
System
EN ISO 13485:2016
ISO 9001:2015

www.tuv.com
ID 0000056401



Contact

Our support will be happy to assist you

Do you have any further questions, need technical advice or would like to request a quote? Please contact your local specialist at MACHEREY-NAGEL or contact us at support@mn-net.com.



Your local contact person

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