



User manuals

NucleoBond® Xtra BAC**740436 / .10 / .25**

Dear valued customer,

Thank you for choosing MACHEREY-NAGEL for your application. We have attached a short protocol for your review.

To obtain the best results we recommend to follow the detailed protocol available online, especially when you are a first time user of this kit.

All important links to the above mentioned product are listed in this leaflet.

Important information regarding product components, specifications, safety instructions, and processing protocols, can all be found on the product website and accessed easily via the QR code.

QR-Code product website



[qr.mn-net.com/qr/\(241\)740436](https://qr.mn-net.com/qr/(241)740436)

Use the following QR code or the link below for direct access to the user manual.

QR-Code user manual



[qr.mn-net.com/qr/\(IFU\)740436](https://qr.mn-net.com/qr/(IFU)740436)

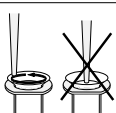
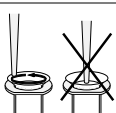
It is strongly recommended to read the detailed protocol section of the user manual if using the kit for the first time. However, experienced users may refer to the protocol at a glance. The protocol at a glance is designed to be used only as a supplemental tool for quick reference while performing the purification procedure.

We are constantly improving our products and we reserve the right to make changes or additions to protocols. Please check for updated revisions for previously downloaded manuals.

This leaflet does not replace the full manual!

Protocol at a glance (Rev.06)
 Large construct DNA purification

NucleoBond® Xtra BAC

1 Prepare a starter culture	
2 Prepare a large overnight culture	
3 Harvest bacterial cells	4,500 – 6,000 x g ≥ 10 min at 4 °C
4 Resuspension	60 mL Buffer RES-BAC
5 Cell lysis <i>(Important: Check Buffer LYS-BAC for precipitated SDS)</i>	60 mL Buffer LYS-BAC Invert the tube 5 times RT, 5 min
6 Equilibration of the column and filter	 30 mL Buffer EQU-BAC
7 Neutralization	60 mL Buffer NEU-BAC Invert the tube 10 – 15 times, until sample turns colorless 0 °C / on ice, ≥ 5 min
8 Clarification and loading of the lysate	Invert the tube 3 times Load lysate on NucleoBond® Xtra BAC Column Filter
9 Wash column filter and column	15 mL Buffer EQU-BAC
10 Discard column filter	 Discard NucleoBond® Xtra BAC Column Filter
11 Wash column	45 mL Buffer WASH-BAC
12 Elution	15 mL Buffer ELU-BAC 65 – 70 °C
13 Precipitation	6 mL isopropanol RT, 2 min 15,000 x g 30 min at 4 °C
14 Wash and dry DNA pellet	5 mL 70 % ethanol 15,000 x g 5 min at RT 10 – 15 min
15 Reconstitute DNA	Appropriate volume of TE buffer or sterile H ₂ O (pH ≥ 7)

QR-Code Safety Data Sheet

Please find a digital version of the safety data sheets by following the link below:



www.mn-net.com/sds



We strongly recommend to carefully read the detailed protocol section of the product's user manual. If you have any questions about the protocol or product, please contact our Technical Support.

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