

A T C A T C G T A T C C A T C C C T A T C C A T C C C T
T C A T C C C T A T C G C T T C C A T C T G C T T C A
A T C T T C A T C C G T A T C T G C T T C C A T C T G C T
C C A T T T C A T C C G T A T C
G C T T C C A T C C C T A T C G C
T C A T C C A T C C C T A T C T G C T T C C A T C T G C T



BIOTECON Diagnostics

foodproof®

RoboPrep® 96

Automated DNA Extraction Solutions



For safer food - BIOTECON Diagnostics Automated high purity nucleic acid extraction

The **RoboPrep® 96** makes light work of DNA / RNA extraction, reducing hands-on time significantly compared to manual methods. This allows you to optimize your daily routine, freeing up time for other valuable lab tasks. You can perform automated extractions of up to 96 samples. By using magnetic bead technology, in combination with heating blocks, the efficiency of sample lysis and elution is enhanced. The result are highly purified nucleic acids, free of inhibitory components, that can be used directly in real-time PCR assays.

The **RoboPrep® 96** is intuitive to operate and does not require any special training. Protocols for **foodproof®** Magnetic Preparation Kits are preinstalled. The additional advantages of the **RoboPrep 96** are its integrated UV light for decontamination, touch screen and remarkably quiet operation.

Reduce hands-on time: Automation frees up time for you to carry out other important tasks, it also produces consistent and reproducible results

Flexible: Open platform, customizable protocols, straightforward application

Eliminate PCR inhibition: High-quality nucleic acids, even from difficult food matrices, can be directly used in PCR

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RoboPrep 96

foodproof® RoboPrep Series

A T C A T C G T A T C C A T C C C T A T C C A T C C C T
 T C A T C C C T A T C G C T T C C A T C T G C T T C A
 A T C T T C A T C C G T A T C T G C T C C A T C T G C T
 C C A T T T C A T C C G T A T C
 G C T T C C A T C C C T A T C G C
 T C A T C C A T C C C T A T C T G C T T C C A T C T G C T



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Workflow



Sample Lysis
~ 30 min



Automated DNA / RNA Extraction
96 samples in < 1 h



PCR Setup
~ 10 min



Real-time PCR Run
60 min – 100 min

Analysis Results in < 3,5 h

Specifications	
Dimensions (w x d x h)	56 x 62 x 50 cm
Weight	54 kg
Sample capacity	Up to 96
Positions for 96 plates	8 (for lysis, sample binding, washing and elution)
Operating system	Easy-to-use interface with 7" touch screen
Decontamination	Integrated UV light
Heating block temperature	From RT up to 120 °C for efficient lysis and elution
Consumables	
Z 100 53.1*	Riplate® 96 tip comb, 60 pieces
Z 100 54.1*	Riplate® 96 SRW magnetic, 2 ml; 60 pieces
Z 100 55.1*	Riplate® 96 SRW magnetic, 0.2 ml; 60 pieces
Kits with approved application warranty (preinstalled protocols)	
S 400 20.1 L	foodproof® Magnetic Preparation Kit VI (for viruses, e.g. analysis of plasma, serum)
Ordering Information	
D 220 50	RoboPrep® 96



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*Alternatively, plastics equivalent to KingFisher™ Flex consumables can be used

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