

# MagCore® Nudeic Acid Extraction Kits

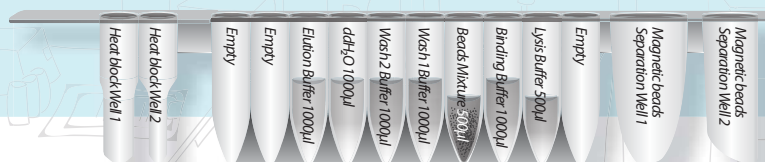


## For extraction of genomic DNA from bacteria

MagCore® Genomic DNA Bacterial Kit is designed to extract genomic DNA from Gram positive and Gram negative bacteria. The Kit contains all required reagents and labware for automated extraction using magnetic-particle technology. Reagents are supplied and prefilled in cartridges, which can be easily loaded into the MagCore® instrument.

# 502

### MagCore® Genomic DNA Bacterial kit



### Features

1. High performance of purified DNA in downstream applications such as qPCR.
2. Cartridges are pre-filled and sealed to prevent contamination.
3. No phenol or chloroform involved.

### Applications

MagCore® Genomic DNA Bacterial Kit is designed for automated DNA extraction from various sample types, including:

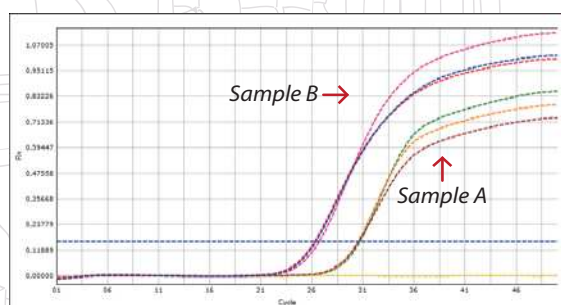
1. Cell cultures in suspension (up to  $2 \times 10^8$  cells)
2. Biological fluids
3. Cell cultures on plate
4. Gram-positive and Gram-negative bacteria



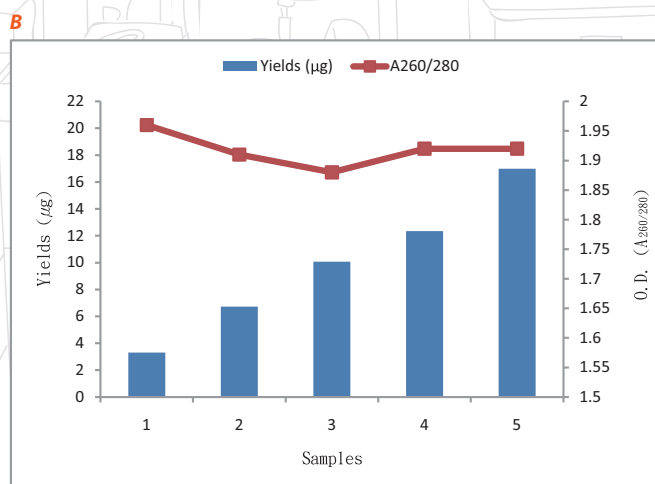
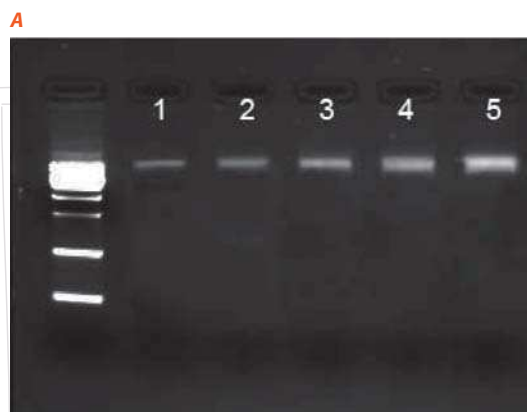
## Performance

### High performance of purified bacterial DNA in real-time PCR

Well	Type	Target	Ct	Interpretation	Label
D2	Unknown	<i>H. pylori</i>	30.70	Positive	Sample A
D3	Unknown	<i>H. pylori</i>	30.52	Positive	Sample A
D4	Unknown	<i>H. pylori</i>	No Ct	Negative	Negative Ctrl
D5	Unknown	<i>H. pylori</i>	30.59	Positive	Sample A
E2	Unknown	<i>H. pylori</i>	26.73	Positive	Sample B
E3	Unknown	<i>H. pylori</i>	26.28	Positive	Sample B
E4	Unknown	<i>H. pylori</i>	26.40	Positive	Sample B



### Consistent Yield, Purity, and Reproducibility in MagCore® Bacteria Genomic DNA Extraction



## MagCore® Automated Nucleic Acid Kits Specification

MagCore® Super/HF16Plus/Plus II					MagCore® HF16/Compact/HF48			
Cartridge Code	Cat.No.	Cat.No.	Cat.No.	Running Time	Cat.No.	Cat.No.	Cat.No.	Running Time
	36 preps	72preps	96preps		36 preps	72preps	96preps	
<div>502</div> <div>MagCore® Genomic DNA Bacterial kit</div> <div>For 1200µl sample volumes.</div> <div>Contents: Pre-Filled Cartridges, Lysozyme Reaction Buffer, Proteinase K, PK Storage Buffer, Rnase A, Disposable Tip &amp; Holder Sets, Sample Tubes, Elution Tubes</div> <div>Shelf life: 18 months</div>								
MBB-01		MBB-02		39 min (sample volume:200µl) * optical detection is not provided	MBB-01		MBB-02	
					44min (sample volume :200µl)			

## Enzyme Selection Guide

Product	Contents	Cat.No.
Proteinase K Set	11 mg Proteinase K, 1.25 ml PK Storage Buffer	PK011
RNase A	50 µl RNase A (50mg/ml)	RN050
	130 µl RNase A (50mg/ml)	RN130



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