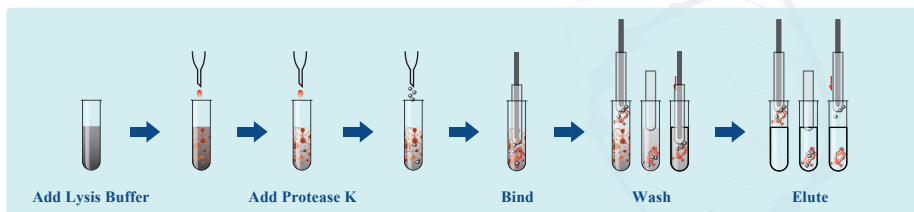


MagaBio plus Blood Genomic DNA Purification Kit II

Product Introduction

This kit can be used to extract DNA from a variety of anticoagulants (including citrate, heparin, Na₂EDTA), human whole blood, serum, white blood cells, and other special samples. The kit uses a set of standardized operating procedures: sample processing, magnetic bead adsorption, washing and elution. 96 samples can be extracted at one time by using Bioer automatic nucleic acid extraction instrument.

Operation diagram



Features

- Simple and efficient: no need to use centrifugal can be used with automatic platform
- Safe and environmentally friendly: no need for organic solvents and other toxic reagents
- Operation steps: Optimize for microsamples

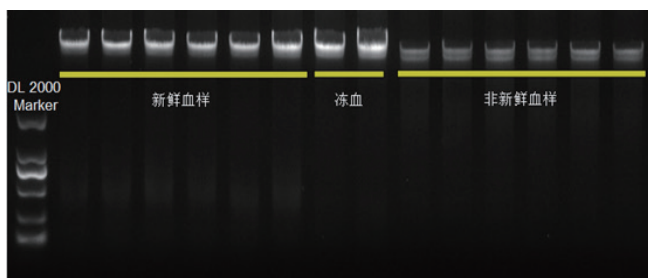
Specifications

Item	Description
Sample Volume	≤240μL whole blood
DNA Performance	≥2μg/200μL
DNA Purity	OD260/OD280:1.7~2.1

Item	Description
Operation Time	Less than 50min (96 samples by Bioer automatic nucleic acid extraction instrument) /Less than 45min (2-12 samples by manual)
Support Tools	Magnetic separation rack (optional)
Support Equipment	Automatic nucleic acid extraction instrument.

Experimental result

Experiment 1 240UL human blood samples were taken for DNA extraction. The concentration determination and electrophoresis figure after extraction were as follows:



Samples	Nano (ng/μL)	A260/A280	Samples	Nano (ng/μL)	A260/A280
Fresh blood -1	60.00	1.81	Frozen blood	66.20	1.79
Fresh blood -2	63.00	1.86	Not fresh blood -1	33.00	1.85
Fresh blood -3	60.20	1.86	Not fresh blood -2	36.90	1.84
Fresh blood -4	63.70	1.85	Not fresh blood -3	39.20	1.80
Fresh blood -5	68.40	1.86	Not fresh blood -4	34.30	1.81
Fresh blood -6	72.90	1.86	Not fresh blood -5	37.60	1.82
Frozen blood	60.10	1.76	Not fresh blood -6	35.70	1.80

Cat#	Product Name	Package	Remarks
BSC73T1S / BSC73T1E/BSC73T1P	MagaBio plus Blood Genomic DNA Purification Kit II	16T	Transportation at room temperature, 2~25°C storage
BSC73S1S / BSC73S1E/BSC73S1P	MagaBio plus Blood Genomic DNA Purification Kit II	32T	Transportation at room temperature, 2~25°C storage
BSC73M1S / BSC73M1E	MagaBio plus Blood Genomic DNA Purification Kit II	48T	Transportation at room temperature, 2~25°C storage
BSC73S1B	MagaBio plus Blood Genomic DNA Purification Kit II	50T	Transportation at room temperature, 2~25°C storage
BSC73L1S / BSC73L1E	MagaBio plus Blood Genomic DNA Purification Kit II	96T	Transportation at room temperature, 2~25°C storage
BSC73M1B	MagaBio plus Blood Genomic DNA Purification Kit II	100T	Transportation at room temperature, 2~25°C storage