

MagaBio Blood Spots Genomic DNA Purification Kit

Product Introduction

The MagaBio Blood Spots Genomic DNA Purification Kit employs a unique buffer system and magnetic bead separation technology to isolate high-quality genomic DNA from dried blood spots. The entire process is safe and convenient, yielding large DNA fragments with high purity and consistent quality. The purified genomic DNA is suitable for downstream applications, including restriction enzyme digestion, PCR/Real-time PCR, library construction, and Southern blotting.

Product Features

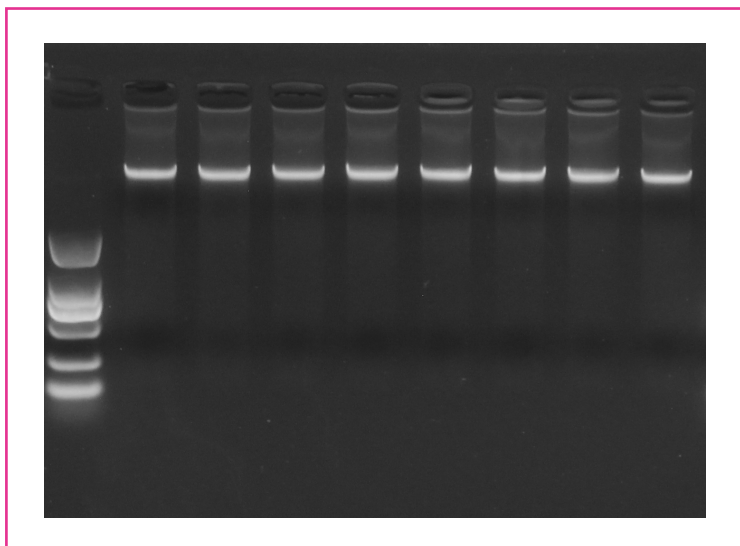
- **Simple and Fast:** The kit offers straightforward procedures with a total instrument run time of just 40 minutes, ensuring quick results.
- **Automated and High-Throughput:** Compatible with nucleic acid extraction instruments, the kit enables automated, high-throughput operations, allowing simultaneous extraction of 1 to 96 samples with the push of a button.
- **High Extraction Efficiency:** The kit effectively recovers DNA from dried blood spots, maximizing yield and purity.
- **Versatile Applications:** The purified genomic DNA is suitable for a wide range of downstream applications, including restriction enzyme digestion, PCR/Real-time PCR, library construction, and Southern blotting.

Application Cases

1. DNA Concentration:

Sample ID	DNA Concentration (ng/μL)	A260/A280	Qubit Result (ng/μL)
1	24.216	1.765	14
2	23.012	1.825	13.2
3	20.516	1.741	12.5
4	20.952	1.753	13
5	26.295	1.842	13.3
6	24.821	1.798	13.4
7	24.467	1.819	14
8	22.565	1.759	13.4

2. Electrophoresis Results:



Result:

The results show that the nucleic acid concentration and purity are good when extracting from dried blood spots using BSC34.

Ordering Information

Product Name	Cat. No.	Package	Storage Condition
MagaBio Blood Spots Genomic DNA Purification Kit	BSC34S1	50T	2-30°C
	BSC34M1	100T	
	BSC34T1P	16T	
	BSC34S1P	32T	
	BSC34T1S	16T	
	BSC34S1S	32T	
	BSC34M1S	48T	
	BSC34L1S	96T	
	BSC34T1E	16T	
	BSC34S1E	32T	
	BSC34M1E	48T	
	BSC34L1E	96T	
	BSC34T1C	16T	
	BSC34S1C	32T	
	BSC34T1C-C	16T	
	BSC34S1C-C	32T	
	BSC34M1E-T	48T	
	BSC34L1E-T	96T	



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