

ARPENspin Omni Genomic DNA Extraction Kit

Extract high-quality DNA from diverse samples including blood, animal tissue, bacteria, and cultured cells in 20 minutes up to 20Kb

Description

The kit is a fast, simple, and cost-effective way to isolate high-quality DNA. It uses a single protocol to extract purified DNA from various samples such as animal tissue, whole blood, buffy coat, leukocytes, bacteria, yeast, blood spots, swabs, and cultured cells. The kit employs silica-based membrane techniques in a convenient spin column, eliminating the need for expensive resins, hazardous reagent based extractions, or time-consuming alcohol precipitation

Key Benefits We Deliver



Broad Applicability

The kit uses a single protocol to extract purified DNA from various samples such as animal tissue, whole blood, buffy coat, leukocytes, bacteria, yeast, blood spots, swabs, and cultured cells.



Silica-based membrane techniques

A convenient spin column that eliminates the need for costly resins, hazardous reagent based extractions, and time-consuming alcohol precipitation steps.



Efficient Workflow

The entire process, including the lysis steps, takes less than 20 minutes to complete. The kit effectively purifies DNA fragments larger than 20 kb, making them immediately suitable for direct applications such as PCR, qPCR, Southern blotting.

Proven Performance

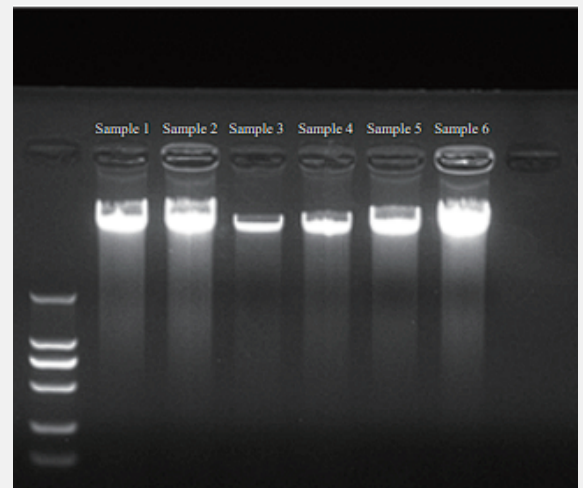


Figure 1: Result of listeria monocytogenes cultured samples (2mL/ tube)

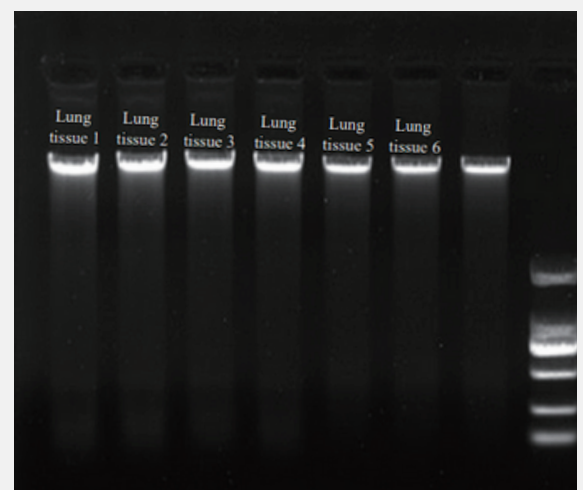


Figure 2: Result of fresh lung tissue samples (25mg)



Product Information

Features	Specifications
Sample	Blood, bacteria (Gram-negative and Gram-positive), cells, animal tissue, dried blood spots, yeast, oral swabs
Extracted DNA Length	20-50Kb
Yield	High purity DNA
Extraction technology	Spin Column
Storage Conditions	Protease K and RNase A store at 2-8°C Other components store at 25°C

Ordering Information

Product Name	Catalog Number	Package
ARPENspin Omni Genomic DNA Extraction Kit	ARP-GDES50	50T