

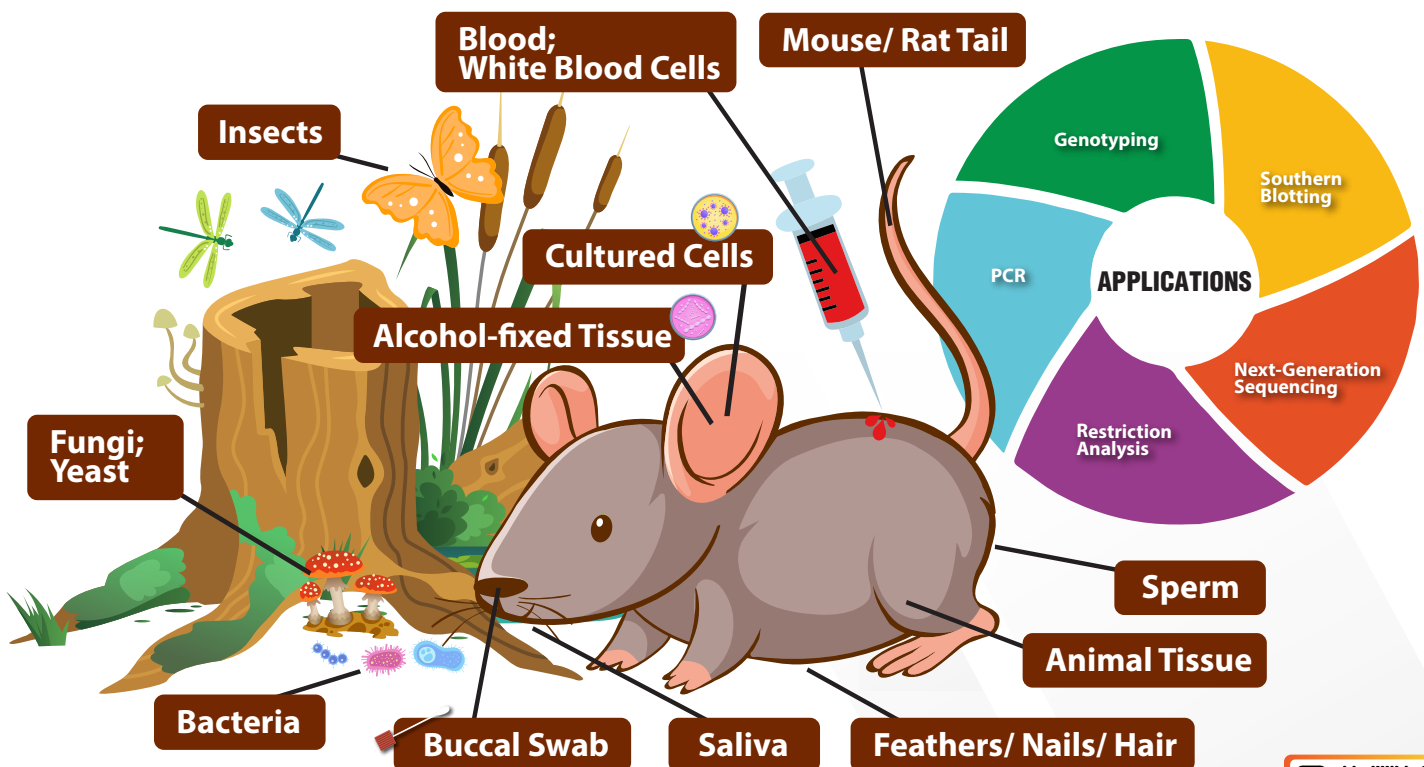
# PrimeWay Genomic II DNA Extraction Kit

The **PrimeWay Genomic II DNA Extraction Kit** is a spin-column based purification system designed to efficiently isolate high-quality DNA. This comprehensive kit includes unique buffers and reagents that enable users to work with **16 different sample types** in the laboratory. All components of the kit are produced and tested in accordance with stringent quality standards.

The DNA extracted using this kit is well-suited for various downstream applications, such as genotyping, PCR, restriction analysis, Southern blotting, and more. Additionally, the kit has been **validated for use with Next Generation Sequencing (NGS2) platforms** for 7 specific sample types: cultured cells, bacteria, yeast, whole blood, buffy coat, nucleated blood, and white blood cells.

## Versatility

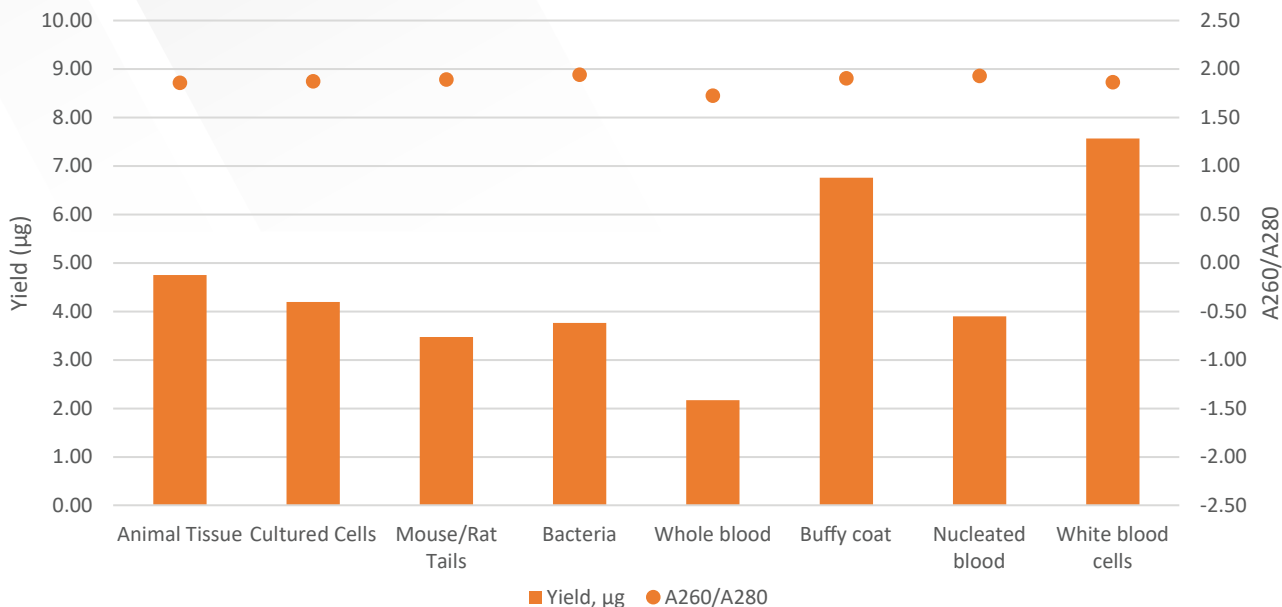
Multiple Sample Types with a Single Kit



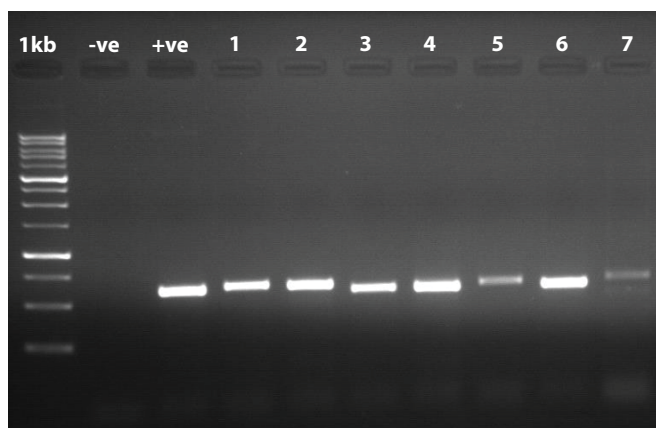
Scan QR Code for  
More Details

# High Quality DNA

DNA Yield & Purity

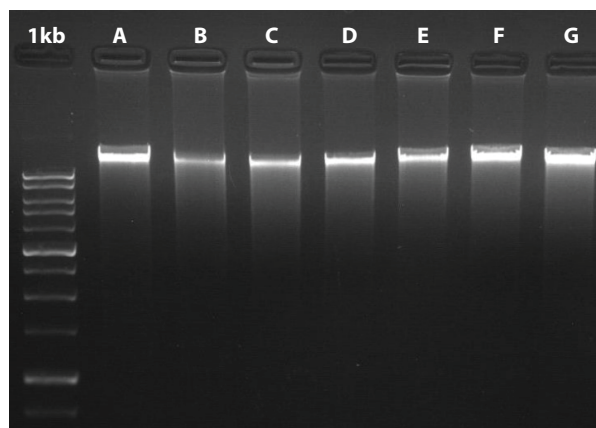


## Free from PCR Inhibitor



Extracted DNA from fungi cut agar is used to amplify ITS2 gene. Successful PCR amplification indicates the extracted DNA is free from PCR inhibitor. 2 µL PCR products are analysed with 1% agarose gel. Negative control (-ve); positive control (+ve); *Aspergillus* spp. (1); *Penicillium* spp. (2); *Ceratocystis* spp. (3); *Lasiodiplodia* spp. (4); *Diaporthe* spp. (5); *Crepidotus* spp. (6); *Fusarium* spp. (7)

## NGS Grade gDNA



NGS grade DNA can be extracted from a range of sample types including cultured cells (A), bacteria (B), yeast (C), whole blood (D), buffy coat (E), nucleated blood (F) and white blood cells (G).

Product Code	KIT-9022-10/50/250
Sample Type	Animal Tissue, Cultured Cells, Mouse/Rat Tail, Bacteria, Yeast, Fungi from Cut Agar, Whole Blood/Buffy Coat, Nucleated Blood, Dried Blood Spot, White Blood Cells, Insect, Buccal Swab, Saliva, Alcohol-Fixed Tissue, Sperm, Feather/Nails/Hair
Yield	Up to 40 µg
Purity (A260/A280)	1.7 - 2.0
Duration	~25 minutes/prep (exclude lysis incubation)
Packaging Size	10, 50, 250 Preps