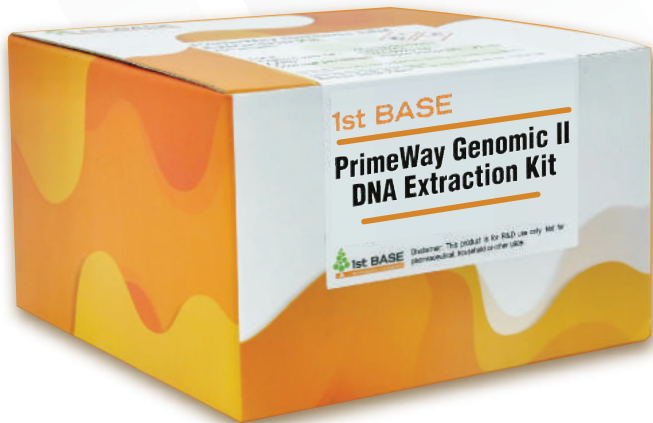




1st BASE

YOUR RESEARCH, OUR BUSINESS



PrimeWay Genomic II DNA Extraction Kit

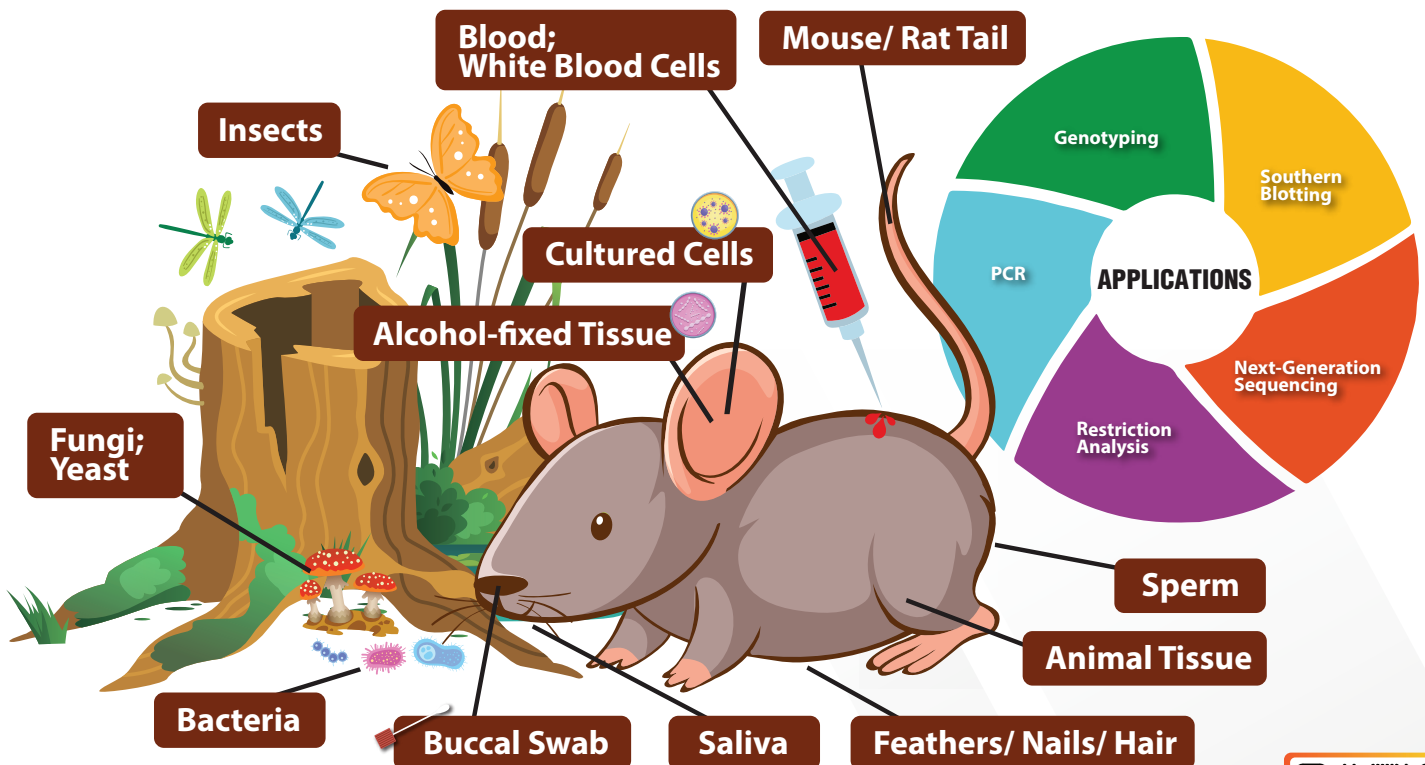
(KIT-9022-10/50/250)

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 (NGS) platforms** for 7 specific sample types: cultured cells, bacteria, yeast, whole blood, buffy coat, nucleated blood, and white blood cells.

Versatility

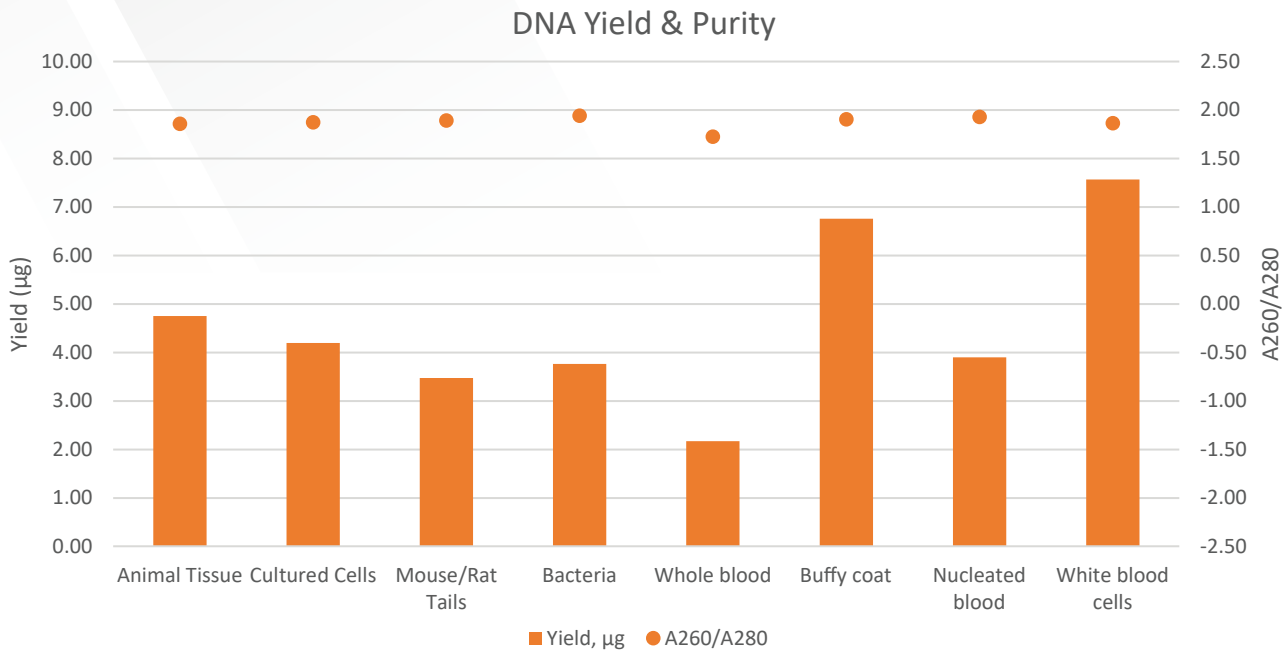
Multiple Sample Types with a Single Kit



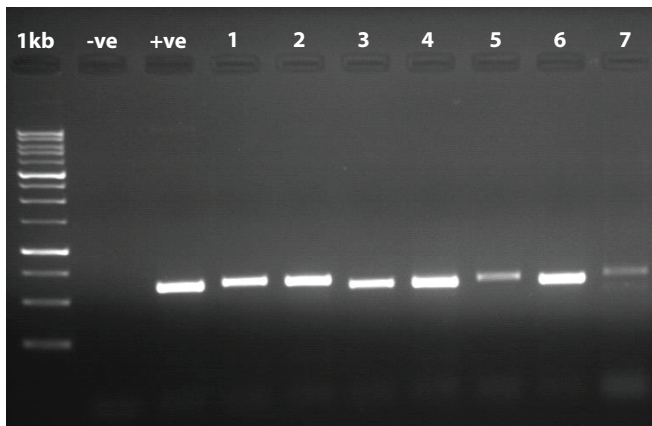
Scan QR Code for
More Details



High Quality DNA

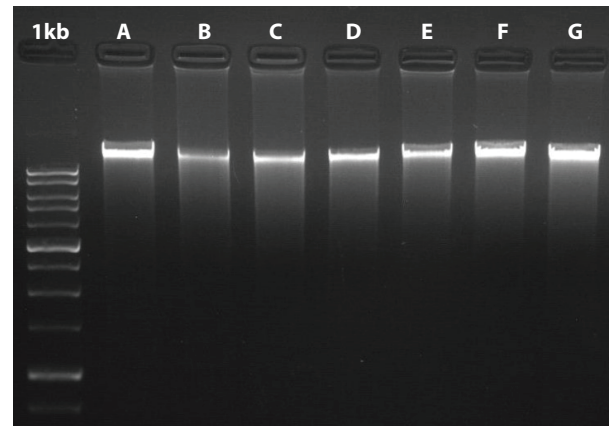


Free from PCR Inhibitor



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

