

# PrimeWay Total RNA Extraction Kit

(KIT-9021-10/50/250)

The **PrimeWay Total RNA Extraction Kit** is a rapid and reliable kit designed to isolate high-quality total RNA from various types of samples, including bacteria, yeast, cell cultures, animal tissue, insects, white blood cells, and plants.

It utilises a silica-based spin column to isolate and purify total RNA of excellent quality. The kit includes an **On-Column DNase treatment** to effectively remove DNA during the extraction process. The resulting purified total RNA is **well-suited for a range of applications**, such as cDNA synthesis, RT-PCR, Northern blotting, poly(A+) RNA purification, microarray analysis, and transcriptome sequencing (RNA-Seq), among others.

## Versatility

Well-suited for a broad range of samples and applications

Cell Cultures

White Blood Cells

Animal Tissue

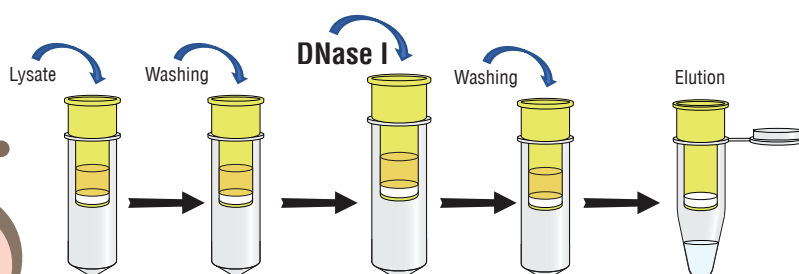
Insect

Bacteria

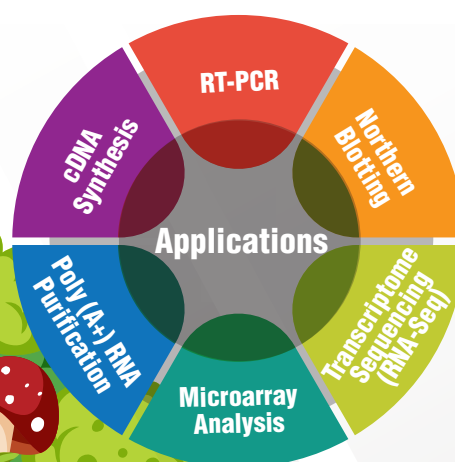
Plant

Yeast

## Convenience



Complete kit that includes On-Column DNase treatment



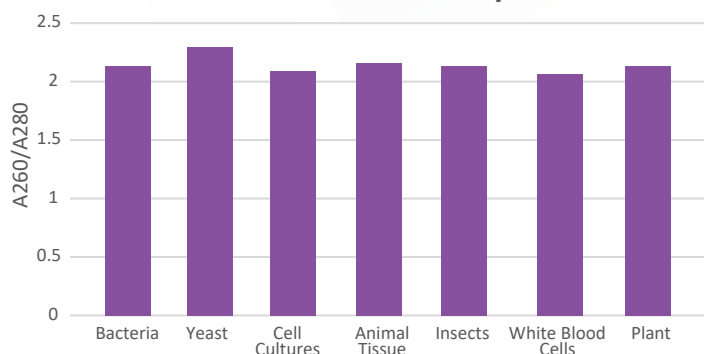
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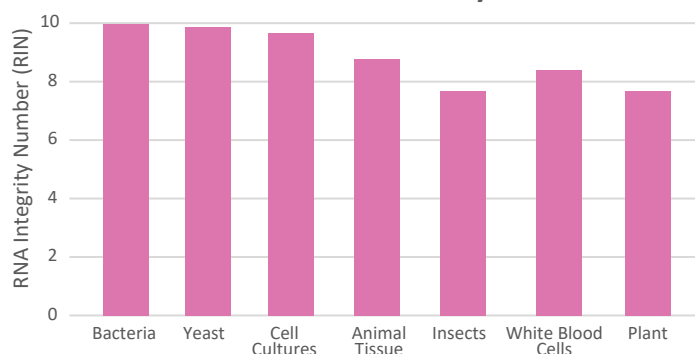
**1st BASE**

YOUR RESEARCH, OUR BUSINESS

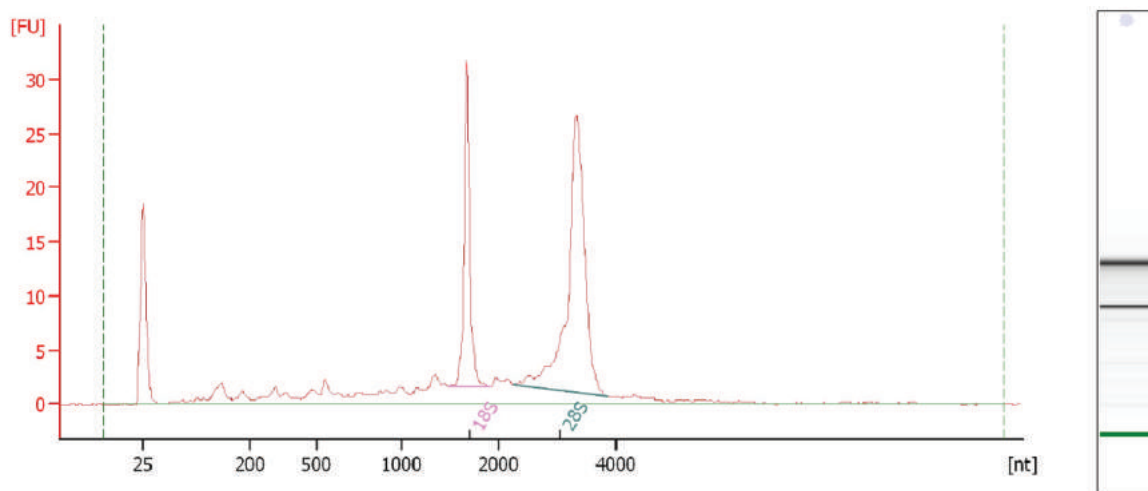
# High Quality & Purity

**Total RNA Quality**

Pure RNA with A260/A280 ratio between the range of 2.0 – 2.3

**Total RNA Purity**

High RNA Integrity Number (RIN) with  $\geq 7$  that requires intact RNA for downstream applications



Mice spleen total RNA is isolated with PrimeWay Total RNA Extraction kit. The total RNA is analysed using Agilent 2100 Bioanalyzer with RNA Nano LabChip®. It shows high RNA integrity as well as purity.

## 1st BASE PrimeWay Total RNA Extraction Kit

Product Code	KIT-9021-10/50/250
Sample Type	Bacteria, Yeast, Cell cultures, Animal tissue, Insects, White blood cells, Plant
Yield	Up to 70 µg
Purity (A260/A280)	2.0 - 2.3
Duration	<60 minutes
Packaging Size	10, 50, 250 Preps

