

SPINeasy®

Extraction & Purification Kits



SPINeasy® represents MP Biomedicals' newest line of silica membrane spin column kits designed for simple, efficient, and rapid extraction and purification of DNA, RNA, and protein from a wide range of samples. Novel inhibitor removal chemistry ensures best-in-class A260/230 ratios, without compromising yields. This results in highly purified nucleic acids, ready for PCR, qPCR, RT-PCR, NGS, and other downstream applications.

High Yields

SPINeasy kits consistently achieve high yields of DNA across various sample sources as compared to competitor DNA kits.

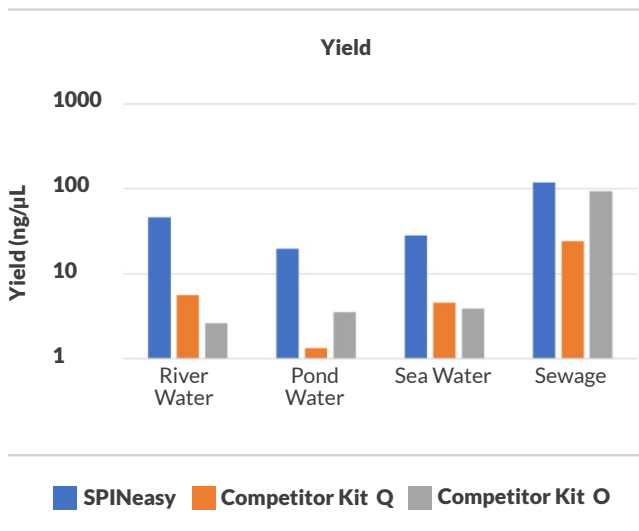


Figure 1. Yields of DNA (ng/µL) purified from different types of water samples using SPINeasy DNA Kit for Water and competitor kits.

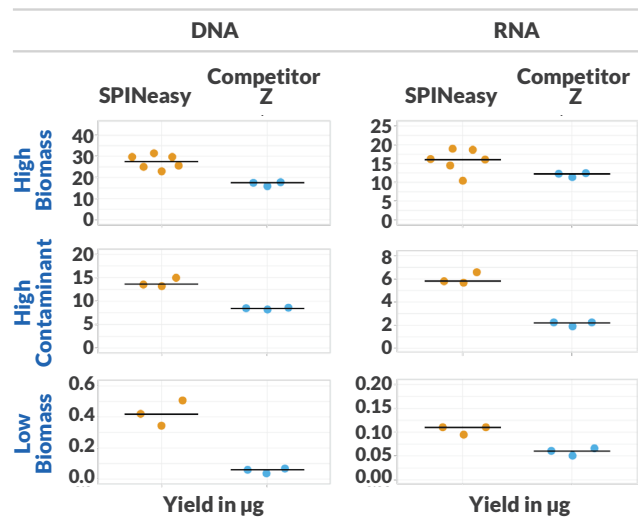


Figure 2. Comparison of DNA and RNA yields from soil samples with different biomass content utilizing SPINeasy DNA/RNA Kit for Soil and a competitor kit.

High Purity

Use of SPINeasy kits results in highly purified, intact DNA or RNA, as assessed by measuring A260/280 ratios, A260/230 ratios, and RIN values.

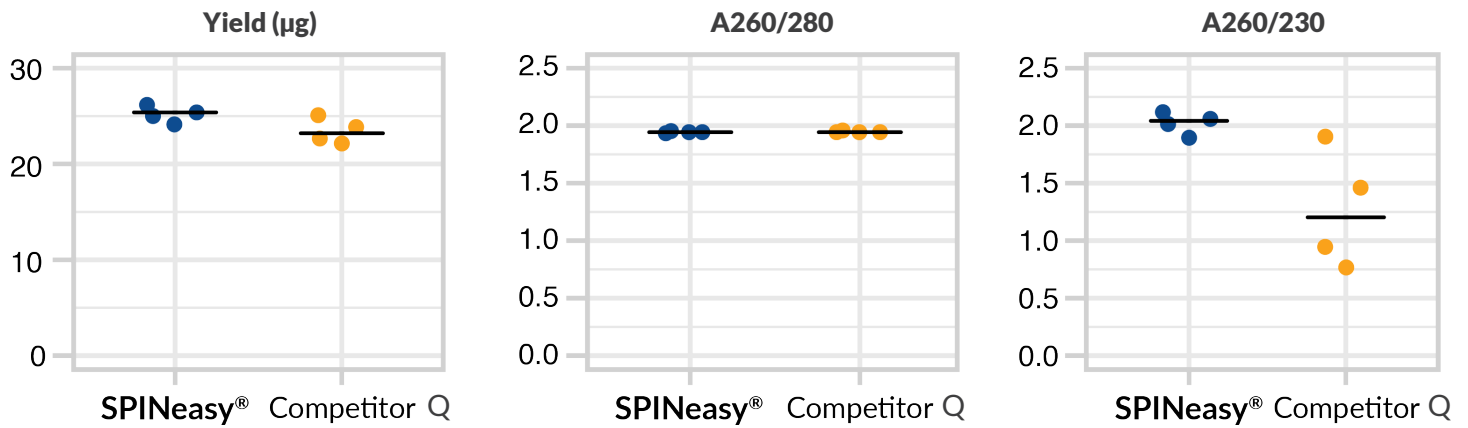


Figure 3. Yield and absorbance ratios of purified DNA from fecal samples using SPINeasy DNA Pro Kit for Feces and a competitor kit.

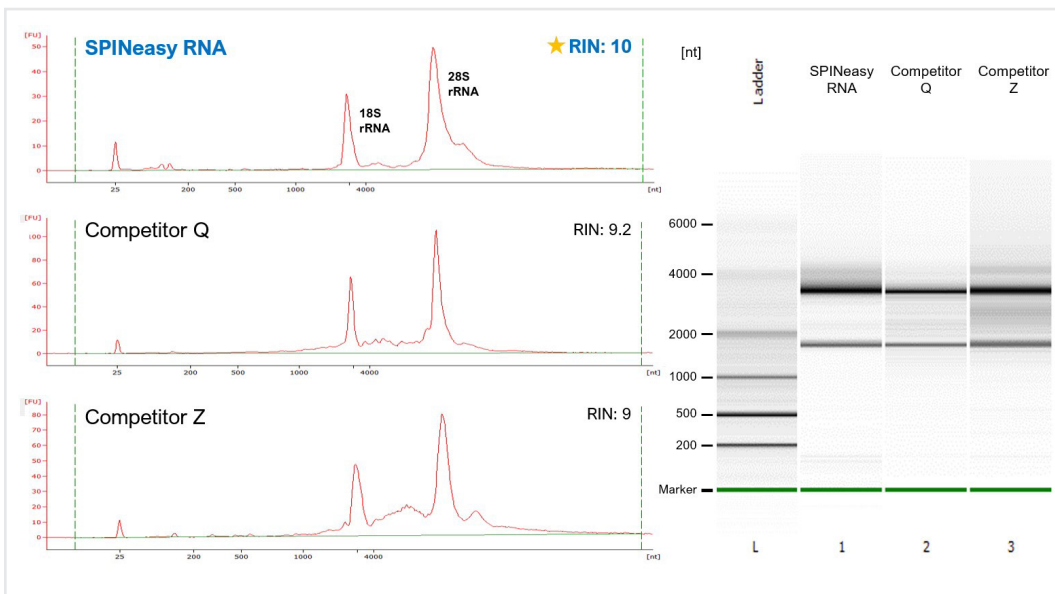


Figure 4. SPINeasy RNA Kit for Tissue displays the highest RIN values (a measure of RNA integrity) as compared to competitor kits. Total RNA was extracted from HeLa cells (1 million/sample) and purified RNA was run on an Agilent Bioanalyzer using an RNA Nano 6000 Kit. The x-axis shows RNA fragment length in nucleotides, and the y-axis indicates fluorescent units (FU). RIN values are calculated based on the ratio of 28S rRNA and 18S rRNA.



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