



Fisher BioReagents®

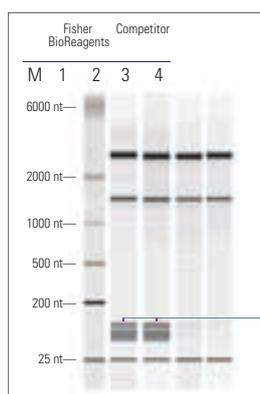
SUREPREP™ RNA PURIFICATION KITS

Imagine the Possibilities

- 1 **COMPREHENSIVE:** isolate RNA from a wide variety of tissues and cell types
- 2 **ADVANCED:** fewer steps, time saving
- 3 **EFFICIENT:** capture all RNA species including small and miRNA

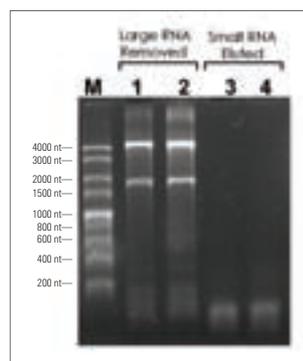
SurePrep Kits utilize spin column chromatography with a proprietary resin for capturing all sizes of RNA molecules from plant and animal tissues, cultured cells, fungi, blood, bacteria, and yeast.

The TrueTotal™ and Small RNA purification kits have the broadest application coverage. Specific procedures such as isolating nuclear and cytoplasmic RNA or purifying RNA from leucocytes are optimized in other SurePrep kits. Additionally, we offer a kit that permits the recovery of RNA, DNA, and protein from the same biological sample.



Resolution of *E. coli* total RNA by capillary electrophoresis. One microliter of purified sample RNA loaded onto an Agilent® RNA 6000 Nano Chip and resolved using Agilent 2100 Bioanalyzer.

Note: The small molecular weight RNA isolated by Fisher BioReagents TrueTotal RNA kit (lanes 1 & 2) versus competitor's kit (lanes 3 & 4). MW standard in lane 1.



Efficient removal of large RNA species. SurePrep Small RNA Purification Kit was used to isolate small RNA species from HeLa cells. The RNA was eluted from both the Large RNA Removal Column (lanes 1 and 2) and the Small RNA Enrichment Column (lanes 3 and 4), and run on a 1.8% formaldehyde-agarose gel. The large RNA species are being removed with no contaminating large RNA present in the small RNA elution. Lane M is a 1 kb RNA ladder.

SurePrep TrueTotal RNA Purification Kit

Fisher BioReagents' TrueTotal Kit purifies all sizes of RNA including large mRNA and ribosomal RNA as well as small RNA species such as microRNA (miRNA) and short interfering RNA (siRNA) that are being investigated as key components in regulating gene expression. Up to 50µg of high quality total RNA is recovered from a single sample and is suitable for most downstream applications related to analysis of gene expression such as Northern hybridization, RPA, or RT-PCR.

SurePrep Small RNA Purification Kit

Small regulatory RNA molecules play an important role in regulating gene expression by binding to target mRNAs. The SurePrep Small RNA Purification kit is optimized to enrich for small RNA molecules (< 200 nucleotides) while removing large RNA fragments, DNA, and other cellular macromolecules. This protocol is ideal for research that focuses on small RNA only. Use of this kit to selectively capture only small RNA molecules will maximize the efficiency of downstream applications related to gene regulation and functional analysis.



For detailed product information, to view a complete protocol, and to order related reagents, please visit your distributor website.

Fisher BioReagents SurePrep line of RNA Purification Kits gives you thirteen options to maximize your success in RNA sample preparation.

Cat. No.	Product Name	No. of Preps	Applications
BP2800-50	SurePrep TrueTotal RNA Purification Kit	50	Total RNA isolation including siRNA and miRNA from a variety of samples.
BP2801-25	SurePrep Small RNA Purification Kit	25	Enrichment of small RNA by removing large RNA species for studying gene expression level and function of small and miRNA.
BP2802-50	SurePrep RNA/DNA/Protein Purification Kit	50	Separation and purification of total RNA, genomic DNA and protein, from a single sample in < 20 min. using the same column.
BP2803-50	SurePrep Urine Exfoliated Cell RNA Purification Kit	50	Isolation and purification of total RNA from urinary tract exfoliated cells obtained from urine sample.
BP2804-50	SurePrep Urine Bacterial RNA Purification Kit	50	Bacterial total RNA isolation and purification from either human urine samples or from the urine samples of animals. Isolates RNA from both gram positive and gram negative bacteria.
BP2805-50	SurePrep Nuclear or Cytoplasmic RNA Purification Kit	50 (Cyto) 25 (Nuc & Cyto)	Isolate and purify both cytoplasmic and nuclear RNA from cultured cells or animal tissue. Allows to enrich for cytoplasmic or nuclear RNA depending on the downstream application.
BP2806-50	SurePrep RNA/Protein Purification Kit	50	Isolate and purify total RNA and proteins simultaneously from a single biological sample using the same column in P20 min.
BP2807-50	SurePrep Leukocyte RNA Purification Kit	50	Isolation and purification of white blood cell total RNA from mammalian blood samples.
BP2809-50	SurePrep RNA Cleanup and Concentration Kit	50	Purifies, cleans and concentrates RNA isolated using other methods such as phenol:chloroform extraction or after enzymatic reactions.
BP2814-25	SurePrep Water RNA/DNA Purification Kit	25 preps + 25 maxi columns	Rapid isolation of DNA and RNA from microorganisms found in a variety of water samples (ocean, pond, drinking water, wastewater). No kit in the market currently isolates and purifies RNA and DNA from water samples using the same column.
BP2815-50	SurePrep Soil DNA Isolation Kit	50	Convenient and rapid method for the isolation and purification of microorganisms from soil samples. Identification of microorganisms in soil is important for agriculture and environmental applications in crop growth, pollution studies, and infectious diseases.
BP2816-50	SurePrep FFPE RNA Isolation Kit	50	Innovative and rapid method for the isolation and purification of total RNA from formaldehyde-fixed paraffin-embedded (FFPE) tissue samples and maximizes the yield of functional RNA which contributes to greater accuracy of results in downstream applications.
BP2817-50	SurePrep Plant/Fungi Total RNA Purification Kit	50	Innovative and rapid method for the isolation and purification of total RNA from a wide range of plant and fungi species. The total RNA can be purified from challenging specimens such as fresh or frozen plant tissues, plant cells or calluses, hard fibrous tissues (seed, needles) and filamentous fungi.

Thermo Fisher Scientific

Geel West Zone 2
Janssen Pharmaceuticaal 3a
2240 Geel – Belgium
Tel: +32 14 57 52 11
Fax: +32 14 59 26 10
www.acros.com

For more information, please contact your local distributor.

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