



Extraction and Isolation of DNA, RNA, and Proteins

(detailed information and prices on request)



Extraction and Isolation of DNA
DNA Isolation from Bacteria
The gBAC Mini Genomic DNA Kit has been optimized for purifying total DNA (including genomic and viral DNA) from gram negative and gram positive bacterial cells.
DNA Isolation from Blood
IBI offers multiple DNA isolation kits from blood in the mini size for everyday use and 96-well format for high-throughput applications.
DNA Isolation from Buccal Swap
The IBI gSwab Mini Genomic DNA kit is ideal for isolating genomic, mitochondrial and viral DNA from buccal swabs and saliva samples.
DNA Isolation from Cultured Cells
IBI offers multiple DNA isolation kits from cultured cells in the mini size for everyday use and 96-well format for high-throughput applications.
DNA Isolation from Plants
IBI offers two kits for DNA Isolation from plants in a variety of downstream applications.
DNA Isolation from Tissue
IBI offers three kits for DNA Isolation from tissue in a variety of downstream applications.
DNA Isolation from Yeast
The gYEAST Genomic DNA Reagent Kit has been optimized to provide superior yield and purity. The kit offers a simple and gentle reagent DNA precipitation method for isolating high molecular weight genomic, mitochondrial, or viral DNA from <i>Saccharomyces cerevisiae</i> and a variety of other fungus species.
PCR Clean-Up and Gel Extraction
IBI offers multiple PCR clean-up and gel extraction kits for DNA in the mini size for everyday use and the 96-well format for high-throughput applications. PCR and gel extraction kits are available for small DNA fragments (50 bp - 200 bp), standard DNA fragments (100 bp - 10 kbp), and large DNA fragments (> 8 kbp).
Plasmid DNA Extraction
IBI offers four sizes of endotoxin-free plasmid extraction kits: 96-Well, mini, midi, and maxi kits. The purified plasmid DNA is suitable for transfection, sequencing reactions, ligation, PCR, <i>in vitro</i> transcription, micro-injection, restriction enzyme digestion, and gene gun.
Total DNA, RNA and Protein Isolation
IBI offers two different kits that simultaneously extract DNA, RNA and protein from the same sample.
Viral Nucleic Acid Isolation
The Viral Nucleic Acid Extraction Kit was designed specifically for purification of viral DNA and RNA from cell-free samples; such as serum, plasma, body fluids, and the supernatant of viral infected cell cultures.

Extraction and Isolation of RNA

miRNA Isolation

The miRNA Isolation Kits are designed for the purification of microRNA (miRNA) and other small cellular RNAs from tissue samples and cultured cells. Purification of miRNA allows research into significant biological pathways for gene regulation.

RNA Isolation from Bacteria

IBI offers two different kits for extracting RNA from gram positive and gram negative bacteria.

RNA Isolation from Blood

IBI offers three different kits for extracting RNA from whole blood including the Total RNA Blood and Cultured Cell Kit, Isolate DNA/RNA Reagent Kit, and Tri-Isolate Total RNA Extraction Kit.

RNA Isolation from Cultured Cells

IBI offers three different kits for extracting RNA from cultured cells including the Total RNA Blood and Cultured Cell Kit, Isolate DNA/RNA Reagent Kit, and Tri-Isolate Total RNA Extraction Kit.

RNA Isolation from Plants

IBI offers two different kits for extracting RNA from plants including the Total RNA Plant Mini Kit and Tri-Isolate Total RNA Extraction Kit.

RNA Isolation from Tissue

IBI offers three different kits for extracting RNA from tissue including the Total RNA Tissue Mini Kit, Isolate DNA/RNA Reagent Kit, and Tri-Isolate Total RNA Extraction Kit.

RNA Isolation from Yeast and Fungus

The rYeast Total RNA Mini Kit was designed for total RNA purification from yeast and a wide variety of other fungus species.

Vacuum Manifold for use with IBI 96-well Extraction Kits



User-friendly manifold made of anodized aluminium for vacuum based DNA or RNA extraction in 96-well plates. Connects to house vacuum systems or pumps, usable with a maximum vacuum up to 71 cm Hg (-13.7 psi). Dimensions (l x w x h) = 17 x 12 x 8 cm.

Saliva Collection Kits



Easy collection and storage of saliva samples, optimized for epigenetic studies. Kits include large funnel with cap, saliva stabilization solution (2 ml) in collection vial (5 ml), label for collection vial and sealable bag for sample storage and transport.

FlexTubes for Protein Purification



IBI FlexTubes can be used for dialysis, gel extraction, electro-elution, and de-salting etc. and allow easy loading/unloading with a standard pipette tip. The tubes can be used for high-throughput applications and are available in mini, midi, maxi, and mega sizes in multiple MWCO (molecular weight cut-off).

Select-D and Nu-Clean Sephadex Products for Gelfiltration



Gel filtration columns with either G-25 or G-50 Sephadex[®] saturated with either STE (Sodium chloride Tris EDTA) or TE (Tris EDTA) buffer. All columns are RNase and DNase free. Can be used for various applications such as desalting, protein purification etc.

**Also from IBI Scientific in our portfolio:
Wide range of electrophoresis and blotting systems, agarose, dyes, markers, and polymerases –
contact us for further information.**