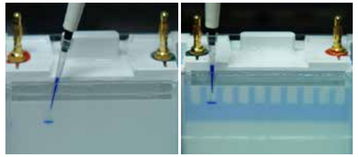
LABORATORY ESSENTIALS

Coloured Stacking Gel Buffer (ML155)
For Clear and Easy Protein Loading

- Forms sharply visible sample wells during SDS PAGE preparation.
- Contains Tris, SDS, and an inert blue dye for easy visualization.
- Simplifies protein loading without affecting gel performance.
- Supplied as a 5× concentrated stock solution.



Stacking gel prepared using regular Stacking Gel Buffer

Stacking gel prepared using ML 155-Colored Stacking Gel Buffer

RDP TrioTM Reagent (MB566)
One Solution for RNA, DNA & Protein Isolation

- Enables simultaneous extraction of high quality RNA, DNA, and proteins from cells, tissues, or plants.
- Fast and convenient protocol suitable for multiple sample types and volumes.
- Compatible with a wide range of downstream applications (PCR, RT PCR, blotting, cloning, translation assays).
- Delivers reliable results for RNA molecules from 0.1 – 15 kb in length.



HiPurA® Plasmid DNA Miniprep Kit (MB508)
Fast and easy plasmid DNA purification

- Ideal for PCR, sequencing, and library screening.
- 3-step spin column process: bind, wash, elute.
- HiElute spin columns allow rapid multi-sample processing.
- High-quality DNA compatible with restriction digestion, ligation, PCR, and sequencing.



CHECK OUT THE PRODUCTS FOR MOLECULAR BIOLOGY FROM HIMEDIA®

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Unzipping Genes

MOLECULAR BIOLOGY

STABILIZATION
EXTRACTION
AUTOMATION
PURIFICATION

SAMPLE PROTECTION AND INTEGRITY

RNA Liv™ (ML161)
Used for stabilization of RNA in cells and tissue samples

- Inactivates RNases instantly and preserves RNA integrity.
- No need for immediate freezing or processing of samples.
- Ensures RNA stability for up to 1 month at 4 °C or longer at –20 °C.
- Ready-to-use single reagent for cells and tissue samples.



MicrobiomeLiv™ (ML247)
Nucleic Acid Stabilization for Microbiome Samples

- Inactivates DNases and RNases instantly to preserve microbial DNA and RNA integrity.
- Eliminates the need for immediate freezing or processing.
- Ensures stable nucleic acids up to 3 days at 37 °C, 1 month at 4–25 °C, or longer at –20 °C.
- Single ready-to-use reagent for convenient sample preservation.



RNase Kil™ (ML162)
Removes RNase contamination

- Removes effectively RNase contamination from glass, plastic, and equipment.
- Suitable for cleaning work areas, pipettors, and microcentrifuge tubes.
- Non-interfering with downstream enzymatic reactions.



FROM SAMPLE TO EXTRACTION

InstaDNA™ Cards
Simple DNA Collection and Storage

- Enables safe collection, transport, and storage of DNA at room temperature.
- Suitable for blood, buccal cells, tissue, cultured cells, microorganisms, and plant samples.
- Compatible with direct PCR and long term archiving applications.
- Available with 1, 2, 4, or 5 sample fields (MBT126, MBT137, MBT121, MBT201).





Wee 32® (LA1060)
Compact Gradient PCR System

- Compact 32 sample gradient PCR with intuitive touch screen control.
- Fast heating and cooling with advanced Peltier-based technology.
- Delivers precise, reliable amplification in a light-weight 3 kg design.
- Ideal for efficient, space saving molecular biology workflows.



Insta NX® Mag24 (MBLA020)
Insta NX® Mag16^{Plus} (MBLA018)

- The Insta NX® Mag Series offers flexible, magnetic-bead-based automation for efficient DNA/RNA purification.
- From routine extractions to large-volume, high-sensitivity workflows, the Mag16^{Plus} and Mag24 systems ensure fast, reliable, and reproducible results with minimal hands-on time.



PLANT AND ENVIRONMENTAL DNA PURIFICATION

HiPurA® SuperPlant DNA Purification Kit (MB571)
High Quality DNA from Plant Samples

- Streamlined spin column method for DNA isolation from up to 200 mg fresh plant material.
- Uses SuperPlant Extraction Buffer with CTAB for efficient cell wall disruption and lysis.
- Removes chlorophyll and proteins for pure DNA, suitable for PCR and other downstream applications.
- Includes RNase treatment and HiElute® spin columns for fast, reliable purification.

HiPurA® Soil DNA Purification Kit (MB542)
Reliable DNA Extraction from Complex Samples

- Simplifies DNA isolation from 250–500 mg soil using spin column technology.
- Removes effectively humic acids and other PCR inhibitors with Inhibitor Removal Solution (IRSH).
- Includes bead beating step for thorough lysis and homogenization.
- Delivers pure DNA ready for PCR and other downstream applications.

