

Manual DNA/RNA Sorbent & Column based extraction

There are many commonly used manual nucleic acid (NA) extractions, e.g. extraction on sorbent, use of magnetic particles, column-based extraction etc. All these extraction methods contain common steps; lysis (cell lysis to disrupt cells/tissues), binding to the carrier (beads, sorbent, other carriers), washing (elimination of debris, contaminants and everything not relevant), elution (releasing the target into appropriate solution). We offer a full range of devices to ensure stability and repeatability for your desired manual extraction method.

1

Reagent re-suspension and primary tube centrifugation

Upgraded



● LMC-3000
Laboratory
Centrifuge

Upgraded



● LMC-4200R
Laboratory
Refrigerated
Centrifuge

2

Sample lysis - for release of nucleic acids

Upgraded



● TDB-120
Dry block
thermostat



● TS-100C
Thermo-Shaker
with cooling for
microtubes and
PCR plates

3

Wash - to remove of cell debris and contamination



ASSIST
pipette series



● FTA-2I
Aspirator with Trap
Flask

4

Separation of Nucleic acid and carrier (Elution)

Upgraded



● TDB-120
Dry block
thermostat



● TS-100C
Thermo-Shaker
with cooling for
microtubes and
PCR plates



- UVT-S-AR
DNA/RNA UV-
cleaner box



New

- LABAQUA
BIO
ultrapure water
system



- FVL-2400N
COMBI-SPIN
Mini-
Centrifuge/Vortex



Upgraded

- TS-100
Thermo-Shaker for
microtubes and
PCR plates



- MSV-3500
Multi Speed Vortex



- CH 3-150
Heating and cooling
thermostat



- ASSIST
pipette series



- FTA-1
Aspirator with trap
flask



- MPS-1
High-Speed Multi
Plate Shaker



New

- PDS-250
DNA/RNA
Decontamination
Solution