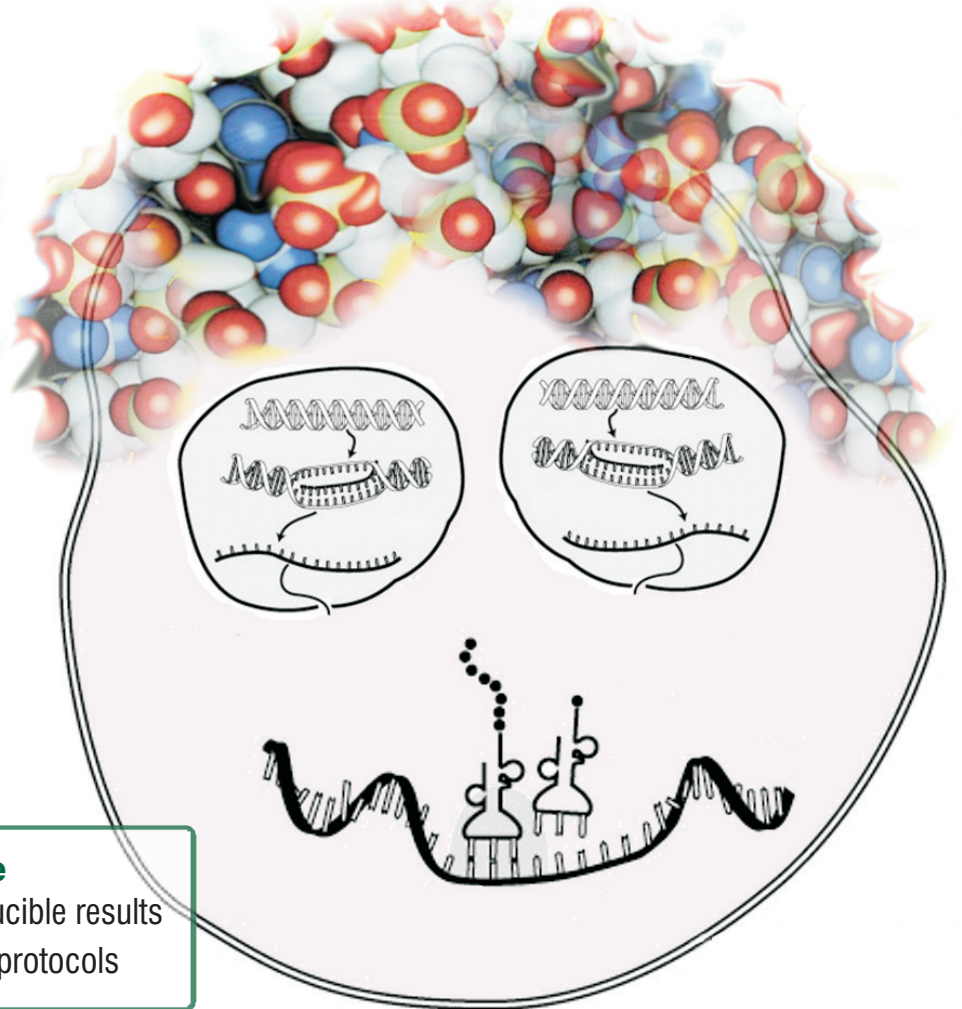




Bio-Nobile

total RNA

purification solutions



Reliable

- reproducible results
- robust protocols

Universal

- one kit for all applications
- rapid and easy purification

Fast purification

- rapid protocols ensure high-quality RNA
- short hands-on-time

Scalable & Flexible

- easy solution for varying sample size and numbers
- optimized for the PickPen® magnetic tools as well as for the MagRo™ 8-M

For purification of high-quality total RNA

Scale your way to success

The QuickPick™ SML (small-medium-large) total RNA kits - combined with the state of the art PickPen® technology - give you the scalability and throughput you need for your applications. Easily scalable with protocols for different samples, such as human and animal whole blood or animal and plant tissue tissue, the total RNA kit makes it unnecessary to purchase kits for different sample materials.

Select the starting amount of sample to yield the amount required by your downstream application and choose the PickPen® tool for your throughput needs. PickPen® 1-M and 8-M manual tools are the choice for low throughput while the robotic workstations MagRo™ 8-M or 96-M are suitable for hands-off automation and higher throughput.

In a short time you have the purified RNA ready for all your downstream applications, such as RT-PCR, real time quantitative PCR and Northern blotting.

Scalability means throughput

The QuickPick™ SML total RNA reagent volumes are easily scaled up or down to be used for different sample amounts or for specific applications - e.g. to increase the sensitivity of detection of complex samples. Starting with reference volumes of 100 µl of whole blood, 50 mg of plant tissue or 10 mg of animal tissue, the kit manuals provide instructions on how to proceed with smaller or larger samples.

The variety of manual and automatic PickPen® tools available allows work in most popular vessel formats, like in microcentrifuge tubes and all

Variety of sample materials

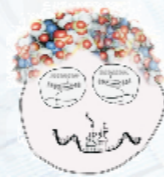
- human and animal whole blood,
- human and plant tissue
- buffy coat, leukocytes, cultured cells etc.

Format flexibility

- Tubes
- 96-well plates; standard and deep-well
- Manual and automation

Safety first

- RNase-free reagents
- No toxic chemicals
- No organic solvents



Extensive range of sample materials

QuickPick™ SML total RNA kits can be used to purify highly pure total RNA from:

- human and animal whole blood
- animal tissue
- plant tissue
- buffy coat leukocytes
- cultured cells etc

Ready-to-use protocols for the QuickPick™ SML total RNA kits are provided.

Downstream applications

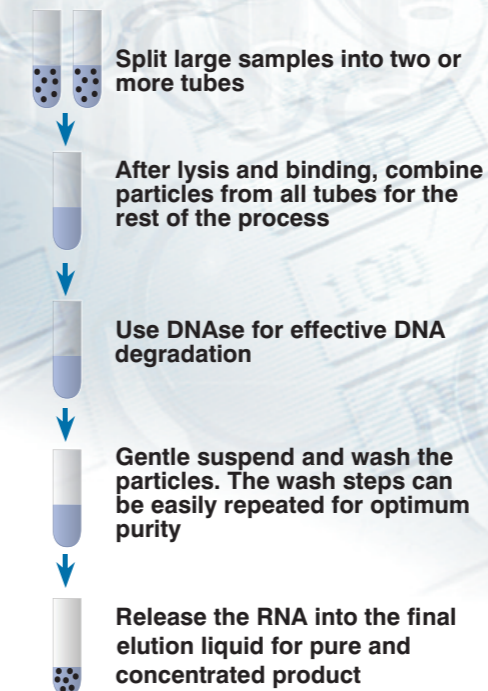
The QuickPick™ total RNA kit is an excellent solution for applications where the quality and purity are decisive. The purified RNA is free of organic solvents, proteins, enzyme inhibitors and other contaminants. The RNA is also free of genomic DNA contamination and is ready for downstream applications including:

- RT-PCR
- real time quantitative PCR
- Northern blotting
- microarray analysis
- expression analysis studies
- nuclease protection assays
- RNA mapping
- cDNA library construction

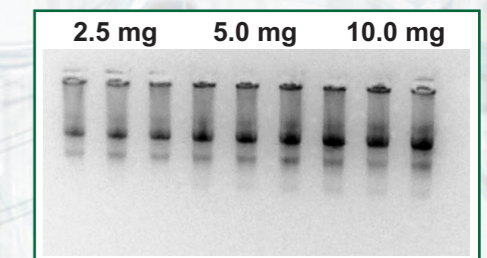
Simple and streamlined protocol

The PickPen® method offers simplicity and reliability to the RNA purification process. Moving particles, not liquids, provides impressive improvements to conventional magnetic bioseparation, both for low throughput manual applications as well as for high throughput automatic solutions.

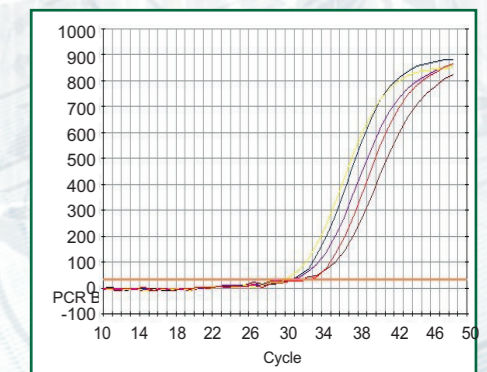
With pre-dispensed reagents and parallel purifications larger samples can be split and processed saving both time and consumables.



Purification of total RNA from different amounts of mouse liver



Real time quantitative PCR result of purified total RNA





QuickPick™ SML total RNA

Kits

- 42002 QuickPick™ SML total RNA kit, 8 preps
- 42012 QuickPick™ SML total RNA kit, 24 preps
- 42022 QuickPick™ SML total RNA kit, 96 preps

XL reagents

- 42100 QuickPick™ XL total RNA Magnetic Particles
- 42200 QuickPick™ XL total RNA Proteinase K
- 42300 QuickPick™ XL total RNA Binding Buffer
- 42400 QuickPick™ XL total RNA Lysis Buffer
- 42500 QuickPick™ XL total RNA Wash Buffer
- 42500 QuickPick™ XL total RNA DNase Buffer

Other products available:

QuickPick™ kits

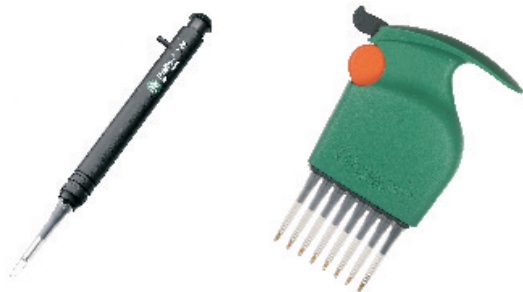
- gDNA purification kits
- Plant DNA purification kits
- DNA Fragment purification kits
- Plasmid DNA purification kits
- mRNA purification kits
- Protein fractionation kits
- Protein purification kits



For research work: various paramagnetic particles with active surfaces

PickPen® Magnetic Tools

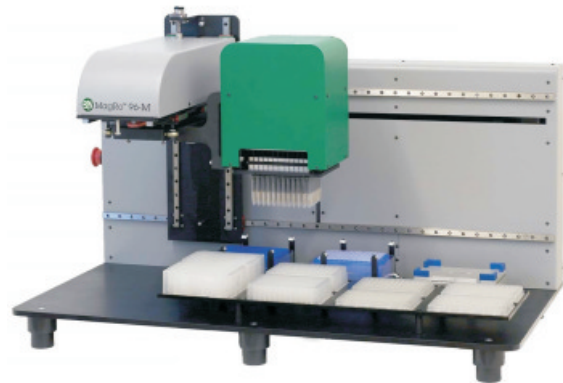
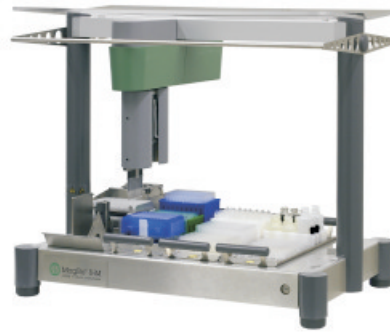
- 23001 PickPen® 1-M
- 23008 PickPen® 8-M



Distributed by:

MagRo™ robotic workstations

- 20008 MagRo™ 8-M robotic workstation
- 20960 MagRo™ 96-M robotic workstation



Consumables

- 34051 Re-usable Tip box, 96 pos
- 34196 PickPen® Tip box with 96 tips
- 34096 PickPen® tips bulk 96
- 34096 PickPen® tips bulk 96
- 34500 PickPen® tips bulk 500

Dispenser tips, racks and plates for the MagRo™ 8-M robotic workstation are also available.



<http://www.bnproducts.com> (BP Products & Services)
<http://www.bionobile.com> (Bio-Nobile™ products)
Email: info@bnproducts.com
Tel. +358-40-8359271
Turku, Finland