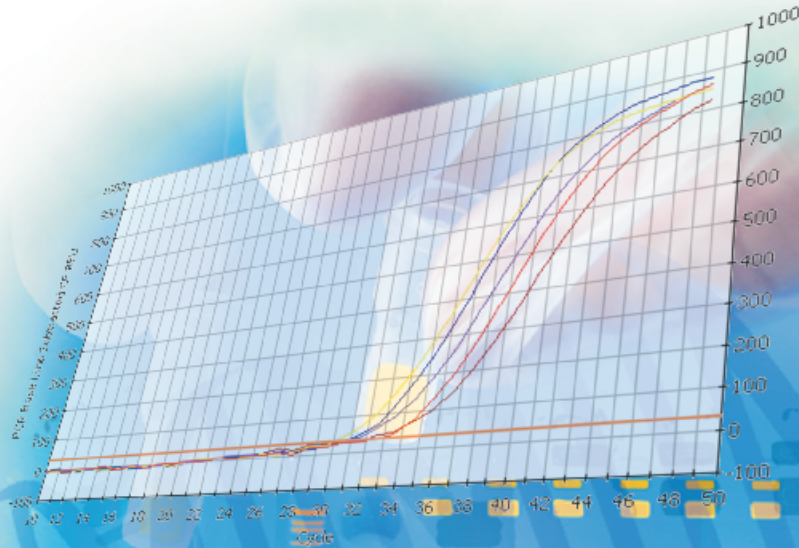




QuickPick™ PCR® Product and DNA Fragment Cleanup Kit



Fast

- single purification in less than 15 minutes
- removes all traces of ethidium bromide
- rapid Dip Wash™ method for elimination of ethanol traces

Reliable

- reproducible results
- gentle processing ensures high-quality DNA

Convenient

- work with ready-to-use kits
- novel method for simple agarose gel fragment excision

Scalable and Flexible

- easy solutions for variable gel piece volumes
- use with PickPen magnetic tools and PickO™ gel exciser

For rapid PCR product & fragment purification

Move particles – not liquids

The PickPen® method offers a flexible and easy alternative for sample purification. Moving particles - not liquids - provides tangible improvements to conventional magnetic bioseparation, both for low throughput manual applications as well as for automatic solutions. The PickPen® method allows the use of pre-dispensed reagents, thus time can be saved. The PickPen® method enables a visual control of the process and optimization of protocols, e.g. wash steps can be easily repeated and large or difficult samples can be split, processed in parallel and recombined in the final purification steps. The method eliminates strong external magnetic fields and centrifugal forces by collecting the magnetic particles from the sample vessel. Minimized shearing forces results in long stranded purified DNA.

PickO™ gel exciser - for simple and rapid excision of DNA fragments from agarose gels

The novel gel piece cutting method using Bio-Nobile PickO™ gel exciser enhances the speed and convenience in agarose gel purifications. The method is based on the use of disposable, elastic silicone tube, the PickO™ gel exciser, for the cutting of the gel piece containing the desired DNA fragment.

The method is a simple one-hand process with high efficiency and reproducibility (Fig.1). With PickO™ gel exciser method the sizes of excised gel pieces are consistent (Fig. 2). This eliminates the need for laborious weighing of individual gel pieces and reagent volume adjustments. The combination of PickO™ gel excision method with the QuickPick™ DNA Fragment purification kit forms an easy and fast overall process especially suitable for automation.

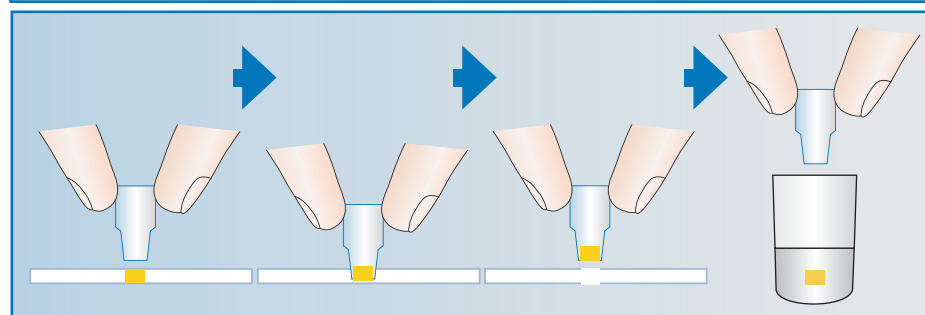


Fig. 1 A presentation of the agarose gel piece cutting method by using PickO™ gel exciser.



PickO™ gel exciser.

Fig. 2 The consistency of gel pieces cut by using PickO™ gel exciser and scalpel.

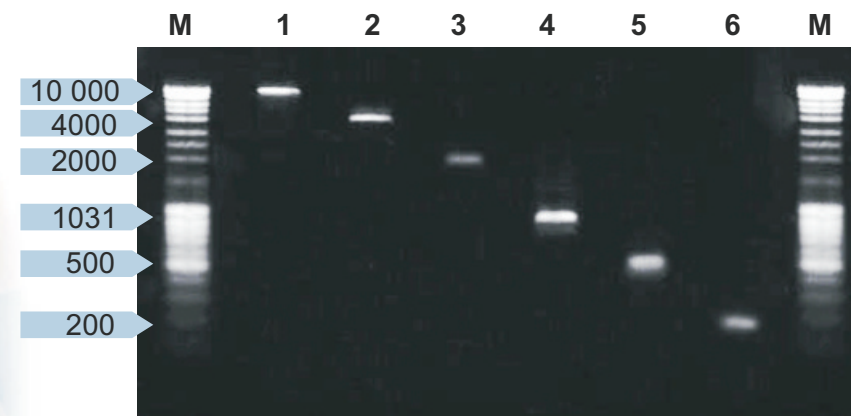
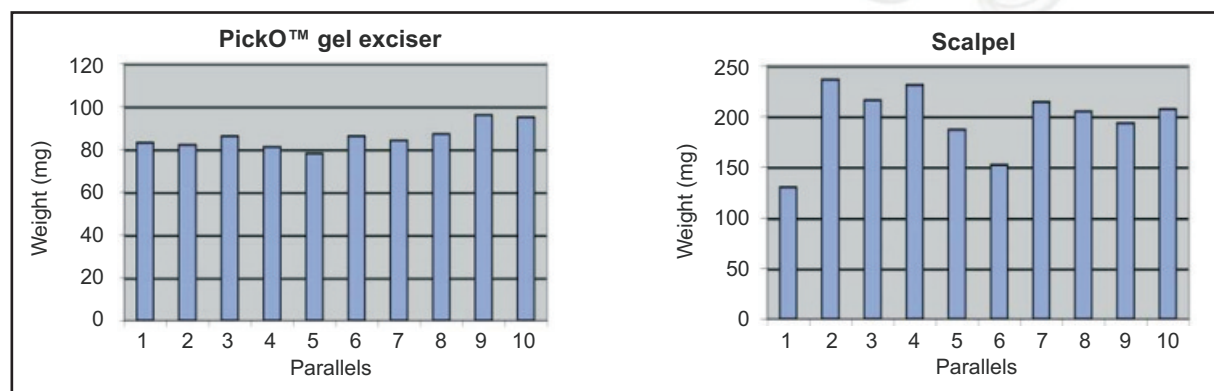


Fig. 4 DNA fragments (1-6) purified from a DNA ladder (M) with QuickPick™ DNA Fragment kit. The sizes of purified DNA fragments are indicated by arrows (bp).

Simple and efficient DNA fragment purification

Using optimised QuickPick™ DNA Fragment purification reagents and PickPen® technology you can purify amplified DNA from any type of thermocycle technology and from any type of agarose gels. The QuickPick™ method (Fig. 3) enables robust and reliable purification of DNA fragments giving reproducible results with high recovery (Fig. 4).

A single purification takes less than 15 minutes, the time depending on the agarose type used, and does not involve time-consuming ethanol evaporation and/or centrifugation steps.

Fast Dip Wash™ method for ethanol elimination

Ethanol traces in the elution buffer is a common problem in DNA fragment purification methods. A unique and proprietary Dip Wash™ method

(patent pending) made possible by the PickPen® technology is used in the QuickPick™ purification procedure to eliminate this problem. During the Dip Wash™, the magnetic particles are not released from the PickPen® tool; instead a few dips in the Wash Buffer is enough to rinse the ethanol away. The method is rapid and easy to use and guarantees the recovery of high quality DNA.

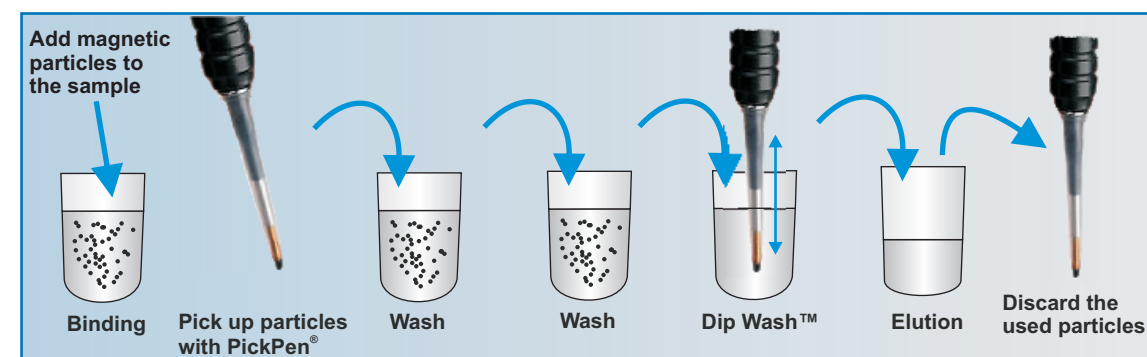


Fig. 3: The principle of a QuickPick™ purification procedure with one DipWash™ step before elution.



QuickPick™ DNA Fragment

Kits

- 71001D QuickPick™ PCR & DNA Fragment Cleanup Kit, demo, 24 preps
71011 QuickPick™ PCR & DNA Fragment Cleanup Kit, 3 x 96 preps

Components

- 71100 QuickPick™ Magnetic Particles
71300 QuickPick™ Gel melting/DNA binding Buffer
71510 QuickPick™ Wash Buffer 1
71520 QuickPick™ Wash Buffer 2
71600 QuickPick™ Elution Buffer

PickO™ gel exciser

- 35024 PickO gel exciser 24 pcs / bag
35096 PickO gel exciser 96 pcs / bag



Other products available:

QuickPick™ kits

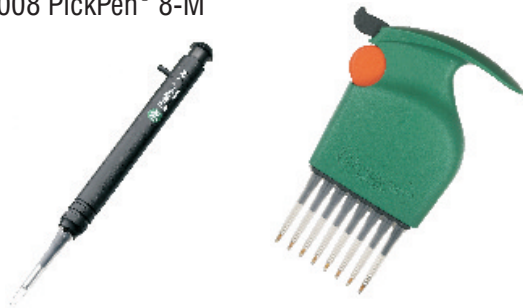
- total RNA purification kits
- Plant DNA purification kits
- DNA Fragment purification kits
- Plasmid DNA purification kits
- mRNA purification kits
- Protein fractionation kits
- Protein purification kits



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.



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