

MAGneat PCR Clean Up

P. Code	Reactions	Volume	Component	Description	Lot Number	Expiry
2MN-PCR	278	5 ml	Paramagnetic beads	Paramagnetic beads for Post PCR DNA clean up and size selection.		

Application:

Efficient and complete removal of contaminants such as unincorporated dNTPs, salts and enzymes

- Allows success in downstream applications such as next generation and Sanger sequencing
- Fast amplicon recovery eliminates
- No filtration or centrifugation required
- Consistently high recovery and reproducibility of amplicons >100bp
- Manual and automation friendly
- 15 minute processing time (with 96 samples)
- Scalable: tube, 96 and 384 well format

used for consistent size selection required for Next Generation Sequencing.

Key Features:

- Simple to use
- Fast procedure for tubes, PCR plates, PCR strips etc.
- Reliable, consistent, robust

Product Description

MAGneat PCR Clean Up is a paramagnetic bead based DNA clean up system. Designed for the efficient and effective post PCR clean up of DNA amplicons and also size specific selection. Post clean up the DNA amplicons are ready for downstream applications.

The simple method allows for rapid processing and when coupled with MAGneat Separators will provide consistent PCR clean up of dsDNA amplicons. The beads can effectively be

Simplified Protocol	
1. Add MAGneat beads to post PCR products and incubate at room temperature	9. Elute DNA off the beads with molecular water such as Just Water or in house buffer.
2. Place on to magnetic separator device	10. Place on magnetic separator.
3. Remove supernatant once clear.	11. Once beads clear the supernatant, then collect the supernatant and save for downstream applications.
4. Add ethanol to wash the beads and remove remaining unwanted products.	For full protocol download the package insert. For research use only
5. Place on to magnetic separator	
6. Remove the supernatant once clear.	
7. Repeat Ethanol wash.	
8. Post supernatant removal, allow beads to dry at room temperature.	

Product Handling

Storage

To ensure the quality of the product until the expiry date keep at the recommended storage temperature and limit exposure to light.

Contamination Control

To prevent erroneous results ensure work environment is free of contamination by cleaning your workstation and equipment with a DNA decontaminant daily, wear gloves, use sterile tubes and filter pipet tips.

Simple | Effective | Efficient

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