

Post PCR Clean-up Simplified

AxyPrep Mag™ PCR Clean-up

The efficient removal of unincorporated dNTPs, salts and enzymes after any PCR is detrimental to the success or failure of downstream applications such as genotyping Sanger and next generation sequencing. The AxyPrep Mag PCR Clean-up kit utilizes a unique paramagnetic bead technology for quick high-throughput purification of PCR amplicons. AxyPrep Mag PCR Clean-up utilizes an optimized buffer to selectively bind PCR amplicons 60 bp or 100 bp and larger to paramagnetic beads, providing end users flexibility and high recovery options with efficient primer-dimer removal based on their downstream applications needs. The protocol mainly consists of binding, washing and elution steps. Primers, nucleotides, salts and enzymes in PCR mixture are removed during the binding and washing steps. The purified PCR product is essentially free of contaminants.

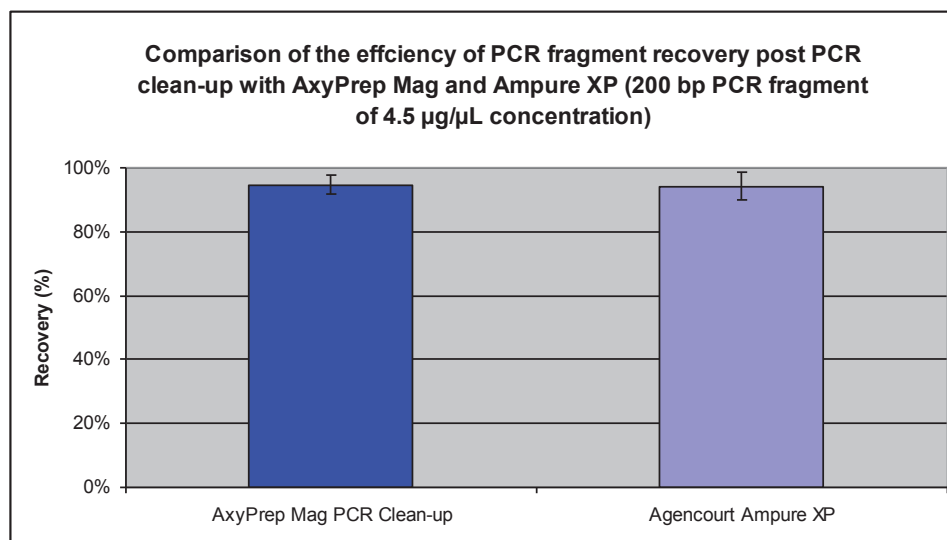
Product Highlights

- Flexible Clean-up: High recovery of amplicons with the option to choose recovery of >60 bp or >100 bp
- Efficient removal of unincorporated dNTPs, primers, primer dimers, salts and other contaminants
- Manual and automation friendly protocol
- Processing time: 15 minutes/96 samples
- No centrifugation or filtration required
- Scalable: Tube, 96 and 384 well plate formats

AxyPrep Mag PCR Clean-up can be used in the following applications:

- PCR
- Sequencing (Sanger and Next Generation)
- Genotyping and SNP detection
- Restriction enzyme clean-up
- Cloning

Consistently High Amplicon Recovery



**Efficient Removal of Primer-Dimers
Eliminates Extra Clean-up Steps and Reduces the Potential of Sequencing Bias**

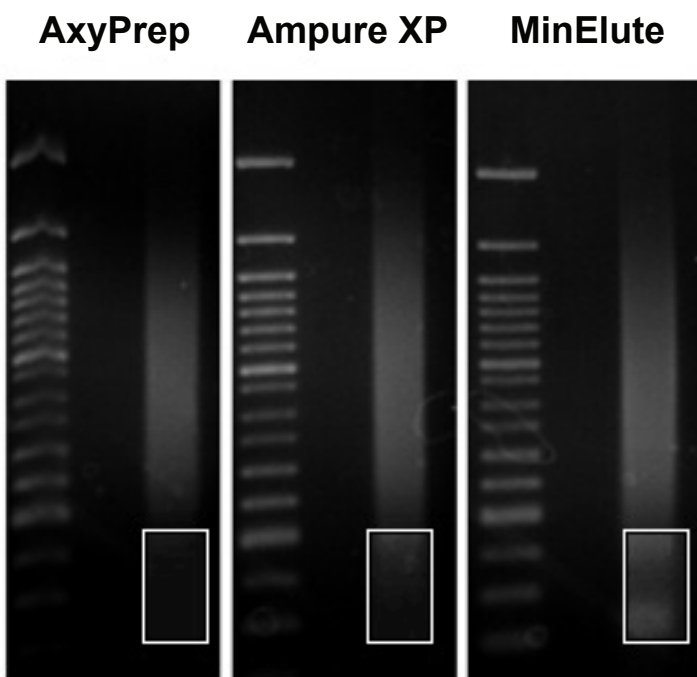


Figure 1. Gel images of post clean-up of an Illumina library post adaptor ligation. The white box demonstrates that AxyPrep Mag Clean-up results in no primer dimer carry over which can be observed with Agencourt Ampure and Qiagen MinElute.

Ordering Information

Part Number	Product Name	# Preps
MAG-PCR-CL-5	AxyPrep Mag PCR Clean-up Kit- 5 mL	110
MAG-PCR-CL-50	AxyPrep Mag PCR Clean-up Kit- 50 mL	1110
MAG-PCR-CL-250	AxyPrep Mag PCR Clean-up Kit- 250 mL	5550

* The PCR process is covered by patents owned by Roche Molecular Systems, Inc., and F. Hoffman-La Roche, Ltd. All trademarks are property of their respective owners.