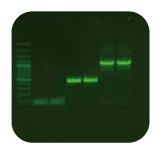


Based on the activity of recombinant Shrimp Alkaline Phosphatase (SAP) and Exonuclease I (Exo I) the kit ensures complete dephosphorylation of dNTPs and degradation of residual primers, mainly for use in Sanger sequencing reactions. The reagents are active in commonly used PCR buffers and eliminate the need for buffer exchange.

- > Direct addition to PCR product
- > Removal of primers and dNTPs excess
- > Fast 15 minute protocol
- > 100% Sample Recovery
- > Scalable for different reaction sizes
- > No interference on downstream applications (sequencing, genotyping, cloning or SNP analysis)
- > Easy to automate

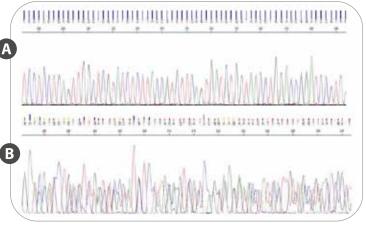
SAMPLE AVAILABLE



Total recovery of intact PCR product

Agarose gel showing three different PCR products before and after EuroSAP treatment. No loss of PCR product was detected even with small fragments.

_	Code	Description	Size
	EMR520500	EuroSAP - PCR Enzymatic Clean-up kit	500 rxns
	EMR520002	EuroSAP - PCR Enzymatic Clean-up kit	2000 rxns



Importance of PCR clean-up before sequencing

Two samples of PCR products were either treated (panel A) or untreated (panel B) with EuroSAP kit. The enzymatic clean-up results in significant improvement of overall sequence length and quality.