

New PCR KlenZol™

Description: PCR KlenZol™ provides a single step, fast and efficient method for purification of amplified PCR products post amplification. This is a simple and effective means of removing the contaminants in an amplified product which in turn hamper the downstream processing of the amplified product. It is solution based and does not involve any binding to membranes/beads, thus reducing the chances of loss of amplified product during the purification step. PCR KlenZol uses specialized additives which selectively adsorb DNA thus removing the leftover primer, primer dimer, dNTPs, salts, enzyme and mineral oil.

Product Description: PCR KlenZol (2X) provides 5 ml of solution.

Recommended Use: 1X

Materials Provided:

- PCR KlenZol™ solution

Storage: Store the solution at Room Temperature

Highlights:

- Single step, effective and simple protocol for clean up of amplified product
- 80 to 90% recovery of amplified product
- Only solution based and does not involve and columns or beads, which makes it easy to scale up
- Volume of solution to be used is equal to the amount of amplified product
- Purified product is ready for down processing like cloning, restriction analysis, sequencing.
- Can be used for product volume of 10 - 100 µl
- Primer-dimer removal - effectively removes primer-dimer (>90%) for PCR product size ranging between 300-5000 bp.
- Effectively removes contaminants from amplified products ranging in size from 100-5000 bp.

Ordering Information:

Product	Size	Cat #
PCR KlenZol™	1 Pack	117713

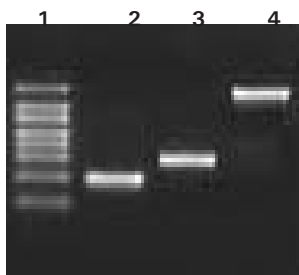
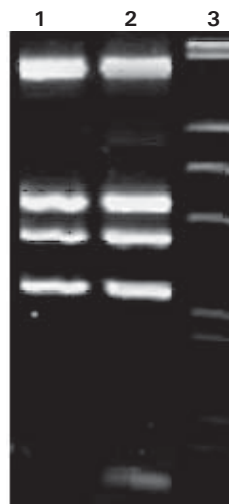


Figure: Amplified products of different sizes purified with PCRKlenZol™

Lane 1: 100 bp ladder

Lane 2-4: Amplified products of different sizes (200-1000 bp)



Removal of primer dimer

Figure: Amplified product of Human genomic DNA with 4 human specific primers using multiplex PCR technique purified with PCRKlenZol™

Lane 1 : Removal of primer dimer from multiplex PCR product

Lane 2 : Primer dimer present in multiplex PCR product

Lane 3 : λ/HinD III digest