



Exo-BAP Kit

Cat. No.	Size
E1011-01	100 reactions
E1011-02	500 reactions

Storage: -20°C.

References:

1. *Nucl. Acids Res.* (1994) 22 (20): 4354-4355.

Exo-BAP Kit is used for one step enzymatic PCR product purification prior to many applications such as sequencing and Single Nucleotide Polymorphism (SNP). It enables fast and efficient cleanup of any unconsumed dNTPs and primers remaining in PCR reaction without any loss of product.

Components:

Component	100 reactions Cat. no. E1011-01	500 reactions Cat. no. E1011-02
Polar-BAP (Thermolabile Alkaline Phosphatase)	1 x 100 µl	1 x 500 µl
Exonuclease I	1 x 100 µl	1 x 500 µl

Protocol:

For optimal PCR cleanup add enzymes directly to PCR product. Enzymes are active in commonly used PCR buffers, so no buffer exchange is required.

Component	Volume
PCR reaction	25 µl
Exonuclease I	1 µl
Polar-BAP	1 µl

1. Add both enzymes to PCR reaction and incubate 15 min at 37°C.
2. Inactivate enzymes for 15 min at 80°C.
3. The PCR product is now ready to use for many applications. Use 4-7 µl for DNA sequencing.

Sequence strength depends on quality and quantity of PCR product. Be sure to check the quality of the DNA before submitting the reaction. The sequence must be free of background bands and should be visible on standard gel electrophoresis.

Quality control:

All preparations are tested for contaminating endonuclease and nonspecific double-stranded DNase activities.