

Exo/SAP Go – PCR Purification kit

#GK18.0500 (500 rxns) | GK18.2000 (2000 rxns) | GK18s (trial size)
(FOR RESEARCH ONLY)



Product: The Exo/SAP Go - PCR purification kit is an enzymatic PCR Clean-Up kit, comprising Exonuclease I (Exo I) and recombinant Shrimp Alkaline Phosphatase (rSAP) in an optimal molar ratio. Unused primers are hydrolyzed by Exo I, whilst rSAP dephosphorylates excess dNTPs.

Exo/SAP Go is designed to degrade dNTPs and primers in a single reaction tube in only 5 minutes. Both enzymes are subsequently removed by heat-inactivation and DNA is ready for sequencing in 15 minutes. No further treatment is required and recovery is 100%, even for very short PCR products.

Applications: PCR Clean-up

Content: #GK18.0500 comprises 500µl of Exonuclease I (500 rxns) and 500µl of rSAP (500 rxns), whereas GK18.2000 comprises 2ml of each Exo I and rSAP (2,000 rxns). #GK18s is a trial sample (20 rxns).

Component	GK18.0500	GK18.2000	GK18s
Exo I	500 µl	4x 500 µl	20 µl
rSAP	500 µl	4x 500 µl	20 µl

Storage: Store all components at -20°C.

Usage:

- 1) Transfer 5µl of PCR product to a new tube
- 2) Add 1µl of rSAP and 1µl of Exo I
- 3) Incubate at 37°C for 5 minutes
- 4) Heat-inactivate at 80°C for 10 minutes

The purified PCR product can be used for DNA sequencing reaction immediately!