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 We use this protocol and it's working

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Enzymatic PCR Cleanup Protocol (NEB #M0525)

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ABSTRACT

Enzymatic PCR Cleanup Protocol (NEB #M0525) uses Quick CIP; Quick CIP is a heat-labile version of calf intestinal alkaline phosphatase (CIP) purified from a recombinant source.

Features

- Rapid and irreversible heat inactivation eliminates unwanted activity
- Improved storage stability versus native enzyme
- Faster reaction setup (no supplemental additives like zinc required) and shorter incubation time
- Flexible reaction conditions (active in any restriction enzyme buffer, no clean-up required)
- Less enzyme required (high specific activity), resulting in a lower cost per reaction
- No need for multiple phosphatases (Quick CIP removes 5'- and 3'- phosphates from DNA, RNA and dNTPs)
- Active on unincorporated dNTPs in PCR products - improves DNA sequencing and SNP analysis
- Recombinant for purity, consistency and value

MATERIALS

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Quick CIP **New England Biolabs Catalog #M0525**

Exonuclease I (E. coli) **New England Biolabs Catalog #M0293**

Shrimp Alkaline Phosphatase (rSAP) **New England Biolabs Catalog #M0371**

SAFETY WARNINGS

Please see SDS (Safety Data Sheet) for hazards and safety warnings.

Keywords: exo sap, exo-sap, exosap, exocip, exo-cip, exo-cip, PCR Cleanup, PCR Clean up

- 1 Add 1 μL of Quick CIP ([NEB #M0525](#)) to 5 μL of PCR product.

Note

Note that 0.5 μL of Exo I ([NEB #M0293](#)) and 1 μL of rSAP ([NEB #M0371](#)) can be used in the same volume.

- 2 Incubate the mix at the 37 °C for 00:15:00 .

- 3 Inactivate both enzymes at 80 °C for 00:15:00 .

- 4 PCR products are ready for downstream application.