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Thermolabile Proteinase K Typical Reaction Protocol V.1

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Protocol status: Working
We use this protocol and it's working

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Materials

MATERIALS

Thermolabile Proteinase K **New England Biolabs** **Catalog #**P8111S

Troubleshooting

Safety warnings

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

1 Reactions may be scaled-up linearly to accommodate larger amounts of substrate and larger reaction volumes. Optimal buffering reagents, enzyme quantity, incubation temperatures and times may vary for particular substrates. Typical restriction enzyme cleanup conditions are as follows:

To a 50 µL restriction enzyme digest containing 1 µg of DNA and 10 units of a restriction enzyme:

2 Add 1 µL of *Thermolabile Proteinase K*, mix gently.

3 Incubate reaction at 37 °C for 00:15:00 .

4 Incubate reaction at 55 °C for 00:10:00 to inactivate *Thermolabile Proteinase K*.

Note

Note: Optimal reaction buffers, reaction temperatures as well as additional reaction properties of Thermolabile Proteinase K can be found in detail in the **FAQ**. Optimization may be required for other cleanup applications (ligation, extension, PCR, etc.)