

Quick Start Guide

GenElute™ 96 well PCR Clean-Up Kit

PCR9604

Reagents to Prepare

Add 800 mL of 95-100% ethanol to Wash Solution, Concentrate. Tightly cap after each use to prevent ethanol evaporation.

Protocol

Vacuum manifold such as GenElute Vacuum Manifold (VM01) is required. A vacuum of 200-400 mbar pressure difference, or drop rate of 1-2 per second, is recommended.

Sample Preparation

1. Perform PCR reactions.
2. For PCR reaction volumes below 100 µL, dilute using 10 mM Tris-HCl, pH 7.0, nuclease-free water (pH 7.0-7.5) or Elution Solution to bring total volume to 100 µL.
3. Add 2 volumes of Binding Solution for 1 volume of the (at least 100 µL) PCR reaction and mix.

Sample Loading

4. Assemble Binding Plate with Wash Plate.
5. Transfer PCR samples onto the Binding Plate.
6. Apply vacuum and press down the plate slightly until flowthrough starts.

Sample Wash

7. Add 900 µL Wash Solution to each well of the Binding Plate and apply vacuum.
8. Repeat wash once.
9. Remove any residual Wash Solution from the Binding Plate by applying vacuum for an additional 10 min to dry the membrane completely.

Elute purified DNA

10. Remove Wash plate and replace with Elution Plate.
11. Add 70-150 µL Elution Solution (5 mM Tris-HCl, pH 8.5) to the center of each well of the Binding Plate. Incubate at room temperature for 1-3 min and apply vacuum to Elute.

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