PrepEase® DNA Clean-Up Kit
Product Numbers 78758, 78759

Brief Protocol for Concentration, Desalination and/or Removal of Enzymes

Important: Check that ethanol was added to NT3 Buffer before starting.

1. Adjust DNA binding conditions
   Add 5 volumes of N2P Buffer to 1 volume of sample (e.g. 500 µl N2P Buffer and 100 µl sample). Mix well.

2. Bind DNA sample to column
   a. Place PrepEase® Clean-Up Column into a 2 ml PrepEase® Collecting Tube.
   b. Pipet the sample directly into the center of the column.
   c. Centrifuge 1 min at 11,000 x g.
   d. Discard flow-through.

3. Wash column
   a. Add 600 µl NT3 Buffer to column.
   b. Centrifuge 1 min at 11,000 x g.
   c. Discard flow-through. Place column back into collecting tube.

4. Dry column
   Centrifuge 2 min at 11,000 x g.

5. Elute DNA
   a. Place the column into a clean 1.5 ml microcentrifuge tube.
   b. Add 15-50 µl NE Buffer to column.
   c. Incubate at room temperature for 1 min.
   d. Centrifuge 1 min at 11,000 x g.

Brief Protocol for PCR Purification

Important: Check that ethanol was added to NT3 Buffer before starting.

1. Adjust DNA binding conditions
   Add 5 volumes of N2P Buffer to 1 volume of sample (e.g. 250 µl N2P Buffer and 50 µl sample). Mix well.

2. Continue with Steps 2–5 of the Protocol for Concentration, Desalination and/or Removal of Enzymes.

Brief Protocol for DNA Purification from Chromatin Immunoprecipitation (ChIP) Assay

Important: Check that ethanol was added to NT3 Buffer before starting.

1. Adjust DNA binding conditions
   Add 5 volumes of N2P Buffer to 1 volume of sample (e.g. 1000 µl N2P Buffer and 200 µl sample). Mix well.

2. Bind DNA sample to column
   a. Place PrepEase® Clean-Up Column into a 2 ml PrepEase® Collecting Tube.
   b. Pipet 700 µl of the sample directly into the center of the column.
   c. Centrifuge 1 min at 11,000 x g.
   d. Discard flow-through.
   e. Repeat steps b to d for the remaining sample.

3. Wash column
   a. Add 600 µl NT3 Buffer to column.
   b. Centrifuge 1 min at 11,000 x g.
   c. Discard flow-through. Place column back into collecting tube.

4. Dry column
   Centrifuge 2 min at 11,000 x g.

5. Elute DNA
   a. Place the column into a clean 1.5 ml microcentrifuge tube.
   b. Add 30–40 µl NE Buffer to column.
   c. Incubate at room temperature for 1 min.
   d. Centrifuge 1 min at 11,000 x g.

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