

## 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



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

#### 3. Wash column



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

#### 4. Dry column



Centrifuge 2 min at 11,000 x g.

#### 5. Elute DNA

- Place the column into a clean 1.5 ml microcentrifuge tube.
- Add 15-50 µl NE Buffer to column.
- Incubate at room temperature for 1 min.
- 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

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

#### 3. Wash column

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

#### 4. Dry column

Centrifuge 2 min at 11,000 x g.

#### 5. Elute DNA

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

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