

PROBER™ Probe DNA Purifying System

Cat. No. 17072 100 columns

DESCRIPTION

PROBER™ Probe DNA purifying system of iNtRON is a disposable column, which removes unincorporated labeled nucleotides following end-labeling, probe labeling, or polymerization reaction with labeled nucleotides. Pre-packed column is useful for the purification of probe DNA for Southern hybridization, Northern hybridization, and *in situ* hybridization.

- No RNase and DNase detected.
- Powerful retention of unincorporated nucleotides
- High recovery of radiolabeled DNA

STORAGE

Store at room temperature, and then stable for more than 1 year.

CHARACTERISTICS

- *Simple step* : Only a few seconds of centrifugation will give you purified probe DNA.
- *Rapid reaction time* : All step is performed in 30-60 seconds.
- *Comfortable column unit* : The pre-packed PROBER™ column format allows easy preparation of probe DNA.
- *High purity* : The kit produces high quality DNA..

CONTENTS

100 columns are contained in a box.

CONSIDERATION BEFORE USE

1. When bed solution is reduced due to drying, add 1xSTE buffer of appropriate amount (column maxi-volume ; 1ml).
2. During DNA sample loading to column, avoid touching column resin with tip.
3. Don't disturb column after centrifugation.
4. Centrifuge at 1,000 x g (generally 3,000-4,000rpm).

PROTOCOL

Put gloves and use safeguard in treating radio-isotope.

1. Snap off the bottom closure of PROBER™ column.
2. Place the column in a 1.5ml tube, centrifuge at 1,000 x g (3,000-4,000rpm) for 60 seconds (1st centrifuge).
3. Discard the flow-through emptying the 1.5ml tube.
4. Place the PROBER™ column to a fresh 1.5ml tube.
5. Apply labeled DNA mixture directly to the top of the column resin.
6. Centrifuge at 1,000xg (3,000-4,000rpm) for 60 seconds (2nd centrifuge). Recover the purified DNA.