

## CentriSep™ strips and plates Protocol:

### Removal of Dye Terminators prior to sequencing:

CentriSep columns are recommended by Applied Biosystems, Inc. for effective and reliable removal of excess DyeDeoxy™ terminators from completed DNA sequencing reactions. The procedure below is intended to be used in conjunction with the Taq DyeDeoxy™ and ABI Prism™ terminator cycle sequencing kits, including those with AmpliTaq®, FS, used on the ABI 373A or 377A sequencer.

### CentriSep is designed for research use only.

DyeDeoxy™, Prism™, and AmpliTaq® are trademarks of Applied Biosystems, Inc.

### 1.0 Strips separation

- 1.1 The CentriSep 8 package contains 12 strips sealed with foil in a single block. The block can/must be separated into single strips before the sealing foil is separated.
  - 1.1.1 Separate the desired/needed number of strips to be used by cutting the foil between the strips with scissors.
  - 1.1.2 Open the well outlets on each strip (just below the "white" gel matrix) by cutting through the integral bottom seal constriction with scissors.

**Allow refrigerated columns to warm up to room temperature before continuing this procedure!**

### 2.0 Removal of interstitial fluid (strips)

- 2.1 Remove the top foil and insert each strip in a suitable reservoir (8-well PCR strip or deep-well micro-titer plate) to collect the interstitial liquid.

Spin the strips for 2 minutes at 750 x g to remove the interstitial liquid.

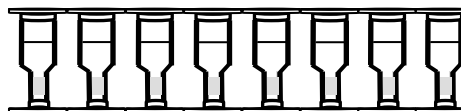
#### Discard this fluid!

- 2.2 Add up to 20µL of sample to the center of each well of the CentriSep 8 strip using either a multi-channel or single channel pipettor.

Place the loaded CentriSep 8 strip into an 8-well PCR strip and spin for 2 minutes at 750 x g to collect the samples.

Discard used CentriSep 8 strips.

CentriSep 8 strip sealed with foil.



CentriSep 8 strip with foil and bottom seal removed.

