Centri-Sep Sample Filtration		
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Centri-Sep Sample Filtration

1 Purpose

1.1 Prior to sample electrophoresis, sequenced products must be purified in order to remove unincorporated dye terminators.

2 Procedure for Centri-Sep 8 Strips

2.1 ****It is important that the Centri-Sep Strips are at room temperature before being used for filtration**.

2.2 Determine how many strips are necessary to filter the amplified samples. Separate the desired number of strips by cutting the foil between the strips with scissors.

2.3 Open the well outlets on each strip by cutting off the bottom edge with scissors. Cut at the narrowest part of the bottom of the tube.

2.4 Peel off the top foil and arrange the strips evenly on deep-well centrifuge plates. Spin the plates at 750 rcf for 2 minutes to remove the liquid.

2.5 Arrange the newly drained strips on a new 96-well plate, labeled with the plate name, date, and analyst's initials.

2.6 Add the amplified sample to each column, taking care not to touch the gel with the pipet tip.

2.7 Once all of the samples are loaded, place the 96-well plate with the Centri-Sep 8 Strips into the centrifuge, and spin at 750 rcf for 2 minutes.

2.8 Confirm that all of the samples passed through the strip into the wells of the 96-well plate, and discard the Centri-Sep 8 Strip.

2.9 Evaporate the samples in the 96-well plate at 75 ^{o}C in a thermalcycler with the lid open. Evaporation may take 1-2 hours.

2.9.1 The plate should not evaporate for more than 3 hours.

2.10 If the samples are not going to be loaded immediately, they should be stored as dried pellets at 4 ^{o}C for no longer then 14 days. When ready, proceed to 3130*xl* setup.