G-50 Gel Filtration Dye Terminator Removal Column

For research use only

Catalogue Numbers  Quantity
CG050                50 rxns
CG002                2 rxns

Introduction
G-50 Gel Filtration Dye Terminator Removal Columns are pre-packed with a highly efficient gel filter which is ideal for removing excess unincorporated dye terminators, freeing nucleotides from sequencing and labeling reactions and protein purification. Low molecular weight material is retained in the gel matrix, facilitating the purification of DNA fragments larger than 20 bases in length. Since G-50 Gel Filtration Dye Terminator Removal Columns are designed to purify DNA fragments >20 bases only, they are not recommended for PCR product primer removal.

Quality Control
The quality of the G-50 Gel Filtration Dye Terminator Removal Columns is tested on a lot-to-lot basis according to Geneaid’s ISO-certified quality management system.

Advantages
• Purification in as little as 5 minutes!
• Sample Volume: 20 to 50 µl
• Filtrate: >20 bases
• Columns are pre-packed with a highly efficient gel filter
• Storage: 2-8°C for up to 6 months (Do not freeze)

Applications
Removing excess unincorporated dye terminators, Freeing nucleotides from sequencing and labeling reactions and Protein purification

Additional Requirements
1.5 ml microcentrifuge tube

IMPORTANT BEFORE USE!
In the event of gel drying/cracking, add 300 µl of ddH2O to the column prior to use. During shipment, the gel filter in the G-50 Column may be lodged in the cap. This will not affect the quality or the efficiency of the column. If the gel filter is lodged in the cap, spin down the column to dislodge.

Purification/Removal
1. Column Preparation
Place a G-50 Column in a 2 ml Collection Tube. Centrifuge at 750 x g for 2 minutes.

2. Sample Loading
Transfer the G-50 Column to a 1.5 ml microcentrifuge tube. Carefully load the sample (20-50 µl) onto the center of the gel bed surface.

3. Purification Recovery
Centrifuge at 750 x g for 3 minutes. The purified sample can be recovered at the bottom of the 1.5 ml microcentrifuge tube (approximately the same volume as the loaded sample).
## Related DNA Purification Products

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<tr>
<th>Plasmid DNA Purification</th>
<th>Product</th>
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For additional product information, please visit www.geneaid.com. Thank you!