ADS Sequencing Reaction Cleaning Beads Quick Guide

ADS Sequencing Reaction Cleaning Beads have been specifically optimized to remove salts and unincorporated dye terminators from sequencing reaction mixes. It offers a simple, efficient way for sequencing reaction purification with a fast workflow.

1. Prepare **wash solution**: 85% Ethanol (use of freshly prepared solution is recommended to avoid ethanol evaporation).
2. Add 10 ul diluted 1x magnetic beads to 10 ul sequencing reaction.
3. Add 45 ul wash solution.
4. Mix well and let sit for 5 minutes.
5. Put the plate on a magnetic plate holder for 2 minutes.
6. Without removing magnetic plate, reverse the plate and dump extra liquid into the sink.
7. Put two layers of paper towel on the plate holder. Put the plate with magnetic plate holder upside down on the holder.
8. Centrifuge at 250 rpm (10-15 xg) for 2 minutes.
9. Take plate out and discard paper towels.
10. Add 100 ul wash solution.
11. Repeat steps 6 to 9 one time (two times if there is still dye terminator in the final elution solution).
12. Add 45-65 ul deionized H2O or ADS elution buffer to elute sequencing reaction products.
13. Mix and incubate for 5 minutes at room temperature. The plate is now ready for CE (do it on the magnetic plate).

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