



ADS Sequencing Reaction Cleaning Beads User Manual

Product catalog numbers

| Catalog Number | Unit Size |
|----------------|-----------|
| 080008 | 8 ml |
| 080050 | 50 ml |
| 080250 | 250 ml |
| 081000 | 4x 250 ml |

Product description:

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.

Storage temperature: 4°C

Sequencing reaction protocol

1. Prepare wash solution: 85% ethanol (use of freshly prepared solution is recommended to avoid ethanol evaporation).
2. Add 10 ul 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 to elute sequencing reaction products.
13. Mix and incubate for 5 minutes at room temperature. Put the plate on the magnetic plate holder and load them on the genetic analyzer for capillary electrophoresis.