

Magnetic-bead PCR Cleaning Protocol

Steps in yellow take place in the magnetic adapter

1. Add 1 volume of beads* (room temperature and vortexed) to 1 volume of sample
2. Pipette up and down 10 times
3. Let sit at room temperature for 10 minutes
4. Put into magnetic adapter for 2 minutes (don't remove from adapter until step 8)
5. Gently remove liquid
6. Wash twice with 200 ul of 70% ethanol (MUST be prepared fresh each week). Don't disturb the beads.
7. Air dry for 10 minutes (often this step takes longer than 10 minutes if ethanol is not removed carefully enough)
8. Remove tubes from magnetic adaptor. Add 22 ul of TE, mix well.
9. Put back in magnetic adapter for 5 minutes
10. Pipette 20 ul into new tube.

The reaction can be stored at -20°C at this stage if needed.

*For beads we use: Axygen AxyPrep Mag PCR Clean-up Kits