TM601
Ref# 15C05001

PRELIMINARY

TailorMag PCR Purification Beads

Kit Components

Each kit contains one set of core reagents sufficient for 100 PCR purifications.

Set 1: Core Reagents
Store at 4 °C

	Reagent Name	Part #	Volume	Number of Tubes
1	Mix A601	A601	5.5 mL	1

Consumables Preparation

Please make sure all equipment is available before starting this experiment (Table 1).

Table 1 List of Consumables and Equipment

Consumables and Equipment	Supplier
10 µl sterile barrier pipette tips	General lab supplier
200 µl sterile barrier pipette tips	General lab supplier
10 µl single channel pipettes	General lab supplier
200 µl single channel pipettes	General lab supplier
1.5 ml nuclease-free microcentrifuge tubes	General lab supplier
80% Ethanol	General lab supplier
10mM Tris-HCl pH 7.5	General lab supplier
Magnetic stand	General lab supplier

TailorMag PCR Purification Beads Protocol

1. Allow Mix A601 to equilibrate to room temperature for 30 minutes before use.
2. Vortex Mix A601 until the magnetic beads are evenly resuspended.
3. Prepare a fresh tube of 80% ethanol for the wash steps.
4. Mix an equal volume of Mix A601 to your PCR product. Gently pipet mix the sample thoroughly.
5. Incubate the tube at room temperature for a full 15 minutes.
6. Place the sample tube on the magnetic stand at room temperature for 5 minutes.
7. While keeping the sample tube on the magnetic stand, remove and discard supernatant without disrupting the beads.
8. While keeping the sample tube on the magnetic stand, gently add one volume of 80% ethanol into each sample tube without disrupting the beads.
9. Incubate at room temperature for 30 seconds.
10. While keeping the sample tube on the magnetic stand, remove and discard supernatant without disrupting the beads.
11. Repeat steps 8 to 10 once. Remove and discard all residual supernatant without disrupting the beads after the second 80% ethanol wash.
12. While keeping the sample tube on the magnetic stand, air dry sample tube at room temperature for 15 minute or until the magnetic beads begin to crack.
    Note: Do not over-dry magnetic beads. Over-drying will affect gDNA recovery rate.
13. Remove sample tube from the magnetic stand. Resuspend the dried beads in one volume of 10mM Tris-HCl pH 7.5.
14. Incubate resuspension at room temperature for a full 5 minutes.
15. Place the sample tube on the magnetic stand at room temperature for 5 minutes.
16. Transfer the supernatant into a new sterile 1.5mL microcentrifuge tube.