Brand: FAVORGEN BIOTECH CORP.

Kit: FavorPrep GEL/PCR Purification Kit

PCR Clean-Up Protocol:

1. Transfer up to 100 µl of PCR product (excluding oil) and add 5 volumes of FADF Buffer to a microcentrifuge tube(not provided) then mix by vortexing.

2. Place a FADF column into a Collection Tube.

3. Transfer the sample mixture to the FADF Column. Centrifuge for 30 seconds then discard the flow-through.

4. Add 750 µl of Wash Buffer (ethanol added) to the FADF Column. Centrifuge for 30 seconds then discard the flow-through.

5. Centrifuge again for an additional 3 minutes to dry the column.

6. Place the FADF Column to a new microcentrifuge tube.

7. Add 40 µl of Elution Buffer or ddH_2O to the membrane center of the FADF Column. Stand the FADF Column for 2 min.

8. Centrifuge for 2 min to elute the DNA.

9. Store the DNA at 4 °C or -20 °C.

Promega Wizard® SV PCR Clean-Up System protocol

1. Add an equal volume of Membrane Binding Solution to the PCR amplification product.

2. Insert SV Minicolumn into Collection Tube.

3. Transfer dissolved gel mixture or prepared PCR product to the Minicolumn assembly.

4. Incubate at room temperature for 1 minute.

5. Centrifuge at 16,000 × g for 1 minute. Discard flowthrough and reinsert Minicolumn into Collection Tube.

6. Add 700µl Membrane Wash Solution (ethanol added). Centrifuge at 16,000 × g for 1 minute. Discard flowthrough and reinsert Minicolumn into Collection Tube.

7. Repeat Step 6 with 500µl Membrane Wash Solution. Centrifuge at 16,000 × g for 5 minutes.

8. Empty the Collection Tube and recentrifuge the column assembly for 1 minute with the microcentrifuge lid open (or off) to allow evaporation of any residual ethanol.

9. Carefully transfer Minicolumn to a clean 1.5ml microcentrifuge tube.

10. Add 50µl of Nuclease-Free Water to the Minicolumn.

11. Incubate at room temperature for 1 minute. Centrifuge at 16,000 × g for 1 minute.

12. Discard Minicolumn and store DNA at 4°C or –20°C.