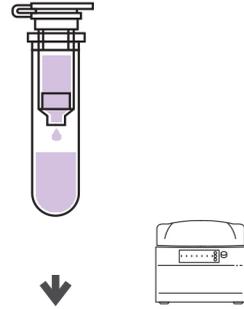
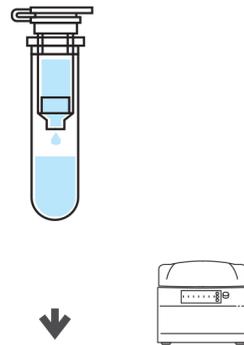


Step 2:
Bind



Step 3:
Wash



Step 4:
Elute



Protocol

Purification of PCR Product (based on silica technology)

Sample type: PCR Products

Some tips to know:

- All centrifugation steps are carried out at room temperature (15–25°C).
- Not forget to add the appropriate amount of molecular biology grade Ethanol to RPB as indicated on the bottle, before using for the first time.
- Not forget to add the appropriate amount of molecular biology grade Ethanol (96–100%) to GWB as indicated on the bottle, before using for the first time.
- RP buffer (RPB) should be pink, if it turns yellow or orange, contact the Technical Support Group.
- If RP Buffer (RPB) forms precipitate during storage, please warm it to 56°C until the precipitate has fully dissolved.

Process

1. Transfer PCR product to a clean microcentrifuge tube. Add 5 volume of pre-prepared RPB to the tube.
2. Pulse vortex for 15 - 30 s. Transfer the solution to a spin column placed in a 2ml collection tube (supplied in the kit box). Centrifuge at 13000 rpm for 1 min at room temperature.
3. Discard the flow-through. Add 750 µl GWB (GW buffer) to the spin column. centrifuge for 1min at 13000 rpm at room temperature. Discard the flow-through, then centrifuge the spin column for an additional 1min at 13000 rpm.

Note: Discarding the flow-through before the second centrifuge is necessary to remove ethanol.

4. Place the spin column in a new 1.5 ml microcentrifuge tube. Add 30-50 μ l RSB (RS buffer) directly to center of the spin column. Incubate at room temperature (15-25 $^{\circ}$ C) or at 60 $^{\circ}$ C for 5 min. Centrifuge for 1 min at 13000 rpm to elute the nucleic acid.

Note: If higher DNA yield is desirable, add another 30 μ l RSB (RS buffer) directly to the center of spin column. Incubate at room temperature (15-25 $^{\circ}$ C) or at 60 $^{\circ}$ C for 5 min. Centrifuge for 1 min at 13000 rpm to elute the nucleic acid.

Note: Incubating RSB at 60 $^{\circ}$ C increases the yield but, in some cases, it might lead to the presence of ssDNA.