PCR Purification Kit (GenScript)

Introduction

Source: https://www.genscript.com/site2/document/13324_20100901221333.PDF

Materials

- Binding Buffer
- Wash Buffer
- Elution Buffer
- Spin Columns
- 1.5 mL tubes

Procedure

Using Materials from the Kit:

1. Transfer PCR reaction product to 1.5 mL micro-centrifuge tubes
2. Add 2 volumes of Binding Buffer to 1 volume of PCR or enzymatic reaction product (ie. if your PCR product is 50 uL, add 100 uL of Binding Buffer)

   Note: Do not exceed 200 uL of Binding Buffer
3. Apply mixture to Spin Column by pipetting, centrifuge for 1 min at 6,000 x g
4. Discard all flow-through and place the column back in the same tube
5. Wash the Spin column by 650 uL Wash Buffer in centrifuge for 30-60 sec at 12,000 x g. Discard flow-through liquid and **repeat Step 5 again.**
6. Centrifuge for an additoinal 1 minute at 12,000 x g and transfer the Spin column to a sterile 1.5 mL micro-centrifuge tube.
7. Add 50 uL Elution Buffer to the center of the Spin column and let stand for 1 min at room tempterature, then centrifuge for 1 min at 12,000 x g.
8. Store the micro-centrifuge tube containing purified plasmid DNA at -20*C if not using immediately.