High Pure PCR & Gel Cleanup Kit

Catalogue Number: N-0110

For general laboratory use (RUO)

Store the kit at +15 to +25˚C.

BENCH-TOP PROTOCOL

Biotechnology Incubator, National Institute of Genetic Engineering and Biotechnology (NIGEB), Shahrak-e Pajoohesh, 15th Km, Tehran-Karaj Highway, Tehran, Iran

Contact us:
(+98) 21 44787435, (+98) 9033115921
www.noyafan.ir

Purification of PCR Products

❶ **- Adjust total volume for each PCR tube to 100 µl with water.**
- Add 500 µl Binding Buffer per each 100 µl PCR product. Mix sample (Binding Buffer + PCR solution) well.

---

❷ **- Place a DNA spin column in a provided 2 ml collection tube. Transfer the sample from step 1 to the upper reservoir of the DNA spin column.**
- Centrifuge 30 – 60 s at maximum speed at room temperature.

---

❸ **- Disconnect the filter tube, discard flow-through and place the filter tube back in the same tube.**
- Add 500 µl Wash Buffer to the upper reservoir.
- Centrifuge 1 min at maximum speed at room temperature. Discard the flow-through liquid.

---

❹ **- Add 200 µl Wash Buffer and centrifuge as above. Discard the flow-through solution.**
Optional (recommended): Reconnect the filter tube to a clean 1.5 ml micro-centrifuge tube and centrifuge again to ensure full removal of Wash Buffer.

---

❺ **- Reconnect the Filter Tube to a clean 1.5 ml micro-centrifuge tube and add 50–100 µl Elution Buffer directly to the center of the column membrane and stand for 3 min.**
- Centrifuge 1 min at maximum speed at room temperature.
- Store eluted DNA at 4˚C or -20˚C.

Contact us:
(+98) 21 44787435, (+98) 9033115921
www.noyafan.ir