Technogene Viral Nucleic Acid Extraction Kit

Components of the kit:

- TG Lysis solution (CN: TG-LS), 1 vials 65 mL
- TG Si-Nano (CN:TG-Nano), 1 vials 10 mL
- Washing solution A (CN: TG-WSA),1 vials 50 mL
- Washing solution B (CN: TG-WSB),1 vials 70mL
- Elution Buffer (CN: TG-DW), 1 vials 10 mL
- High purification column
- Collecton Tube

procedure

1. Add 250µL of sample into a microtube

*Note: for Pap Smear sample, transfer as much as possible tissue in to a microtube. after washing with PBS buffer, add 200µL of PBS buffer to the pellet and after resuspension , proceed with following steps.

2. Add 600µL of Lysis solution to the microtube.
3. Vortex and incubate for 5 mins at **54˚C** .
4. Add 100 µL Si-Nano (mix well before use) and vortex for 20 seconds
5. Transfer lysate to High pure column
6. Centrifuge column in 5000 RCF for 3 mins (soft mode)
7. Discard transferred lysate and repeat 5 and 6 steps, to use of whole of lysate.
8. Change the Collection Tube.
9. Add 500 µL TG Washing solution A to the column and then centrifuge in 7000 RCF for 1 min.
10. Discard transferred Washing solution .
11. Add 700µL Washing solution B to the column and centrifuge in 8000 RCF for 1 mins.
12. Discard transferred Washing solution B
13. Centrifuge column in upper speed for 3 mins
14. Transfer column to new DNase/RNase free microtube .
15. Open the cap of the column and incubate in room temperature for 4 mins to drying the column
16. Add 50µL prewarm(60˚C) Elution Buffer and incubate for 3mins
17. Centrifuge the column in upper speed for 1min.

Note:to increase yield of Nucleic Acid, you can transfer the product from microtube to collumn and centrifuge again.

Safety directions: The lysis solution and Washing solution A are tissue hazard material, hence, in the cases of contact with skin, eyes, ETC, wash with water and refer to the hospital for additional medications.

Ratingene.com / Technogene.ir

0913 63 62 862 / 0913 63 62 963

034-32 11 20 45