

## MagListo™ Viral DNA/RNA Extraction Kit For ExiPrep™ 96 Lite

### I Before You Begin

- 1) Completely dissolve one vial of **Proteinase K** in **1,250 µl** of nuclease-free water. For short term storage, dissolved Proteinase K should be stored at **4°C**. For long term storage, it is recommended to aliquot the enzyme into separate tubes and store at **-20°C**.
- 2) Completely dissolve **Poly(A)** in **500 µl** of nuclease-free water. Mix dissolved Poly(A) solution into **VB Buffer**. Shake it thoroughly.
- 3) Add correct amount of **absolute ethanol** to **VWM1 Buffer**.

### II Sample Preparation and Loading the Kit to the Instrument

- 1) Apply **200 µl** of **Serum, Plasma, or CSF** sample to a new 96-well dome plate.  
(Note) Serum and Plasma can be used below **200 µl**.
- 2) Add **200 µl** of **VB Buffer** to the sample.
- 3) Add **10 µl** of **Proteinase K** to the sample.
- 4) Aliquot the solution from **MagListo™ Viral DNA/RNA Extraction Kit** to each of the new 96-well dome plate using multichannel pipette

Cartridge No.	Solution	Volume
①	Sample + VB Buffer + Proteinase K	Up to 410 µl
②	Magnetic Nano Bead solution	200 µl
③	VWM1 Buffer	700 µl
④	VWM1 Buffer	700 µl
⑤	RWA2 Buffer	700 µl
⑥	80% Ethanol	700 µl
⑦	ER Buffer	100 µl

- 5) Press the 'Plate' Button on the instrument.
- 6) Place the Magnetic Rod Cover to the Magnetic Rod.
- 7) Place the plate onto the proper position of the base plate.
- 8) Press the 'Standard Protocol' Button and select '**K-3624/K-3617\_Viral DNA/RNA (V1.0)**'.
- 9) Press the 'Run' Button to start the selected protocol.
- 10) When the equipment stops as the message '**Pause...Input Ethanol**' pops up, open the door and take out 96-well dome plate (Cartridge ①) containing lysate.
- 11) Add **400 µl** of **100% Ethanol** to 96-well dome plate (Cartridge ①) containing lysate using multichannel pipette.
- 12) After adding ethanol, press the 'Check' Button to resume the extraction.
- 13) When the extraction of nucleic acid is complete, collect the final nucleic acid in about **100 µl** of **ER Buffer** from the 96-well dome plate (Cartridge ⑦).