

96 Deep-Well Plate Viral RNA/DNA Miniprep Kit (Magnetic Beads)

Catalog No.: V4003 Size: 6×16 preps


Description

96 Deep-Well Plate Viral RNA/DNA Miniprep Kit (Magnetic Beads) is a product specially designed for 32 or 48 channel nucleic acid extraction instruments. It is a small volume purification kit suitable for the extraction of various virus RNA/DNA from plasma, cell-free body fluids, viral stock solutions and infected tissues. The kit adopts the magnetic particle purification technology based on superparamagnetism, which can minimize the risk of cross-contamination and improve the sensitivity and accuracy of detection. The operation time of the instrument is less than 30 minutes.

Main components

The kit consists of the following components:

The name of the reagent		Amount
Tip Comb		12 pcs
96 Deep-Well Plate	Row 1/7: 500 µl lysis buffer	6 pcs
	Row 2/8: 500 µl wash buffer, 20µl Mag Beads	
	Row 3/9: 500 µl wash buffer	
	Row 4/10: 500 µl wash buffer	
	Row 5/11: blank	
	Row 6/12: 100 µl elution buffer	

Storage conditions

Store at RT.

Notes

- When using this kit, please wear lab coat, disposable latex gloves, disposable masks to protect you from the reagents, and protect the nucleic acid from nucleases that are present on skin. The microcentrifuge tubes and pipette tips should be autoclaved and free of DNase and RNase.
- Before using, vortex the Mag Beads well to ensure that the beads are fully resuspended. Mag Beads cannot be frozen.
- For refractory samples, the lysis condition can be set to 55°C for 10 minutes.
- Please check whether there is crystal precipitation in the lysis buffer. If there is crystal precipitation, place it at room temperature or 37°C until the crystal is dissolved. Mix it before use.
- This kit can be adapted to all the automatic instruments based on magnetic beads. If it is used for the first time, it can simulate the operation procedure through the empty plate, and then add samples for extraction after it is accurate.

Before use

Prepare 1× PBS solution, pH 7.4, in case of need.

Sample preparation

- Throat swab (with preservation solution), saliva:** vortex vigorously for 30 sec, take 200 µl for experiment.
- Plasma, serum and viral stock solution:** prepare 10-200 µl of plasma, serum or viral stock solution, if the initial amount is less than 200 µl, use PBS solution to make up to 200 µl.
- Virus-infected tissue:** prepare 10 mg of virus-infected tissues to be ground with liquid nitrogen, and add 200 µl of PBS solution to the ground tissues.







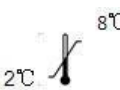






Protocol: 32/48 Channel Nucleic Acid Extractor Operation

- Take out the pre-packaged 96 deep-well plates. Remove the sealing membranes of the 96 deep-well plates.
- Add 200 µl sample to each well of Row 1/7.
- Follow the instructions to put the pre-packaged plates and Tip Comb into the correct position of the machine.
- Run the viral nucleic acid extraction program according to the following example.
- After the extraction, take out the deep-well plate and the Tip Comb. Transfer the product to a 1.5 mL centrifuge tube and store at -20°C or -80°C.

Example of Application Allsheng Auto-Pure32A Automated Nucleic Acid Extractor

Step	Row	Name	Mixing time	Magnetic absorption time	Waiting time	Volume	Mixing speed	Temperature
1	2	Sucking Beads	1 min	10 sec	0	520	5~6	OFF
2	1	Binding	5 min	20 sec	0	720	5~6	OFF
3	3	Wash 1	1 min	10 sec	0	500	5~6	OFF
4	4	Wash 2	1 min	10 sec	0	500	5~6	OFF
5	6	Elution	4 min	20 sec	1 min	100	5~6	55°C
6	1	Discard Beads	1 min	0	0	720	5~6	OFF

[Explanation of Marks]

	The product is used in vitro, please don't swallow it		Please don't reuse it
	Validity		Please read the instruction book carefully before using
	Warning, please refer to the instructions in the annex		Manufacturer
	Temperature scope within which the product is reserved		Batch number
	European union authorization representative		Keep dry
	Avoid overexposure to the sun		Don't use the product when the package is damaged
	The product meets the basic requirements of European in vitro diagnostic medical devices directive 98/79/EC		

[Basic Information]

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