



HCY™ 96 DNA/RNA Extraction Kit Instruction For Use

【PRODUCT NAME】

HCY™ 96 DNA/RNA Extraction Kit

【CATALOG NUMBER】

CY-M001-96A

【DESCRIPTION】

HCY™ 96 DNA/RNA Extraction Kit is suitable for rapid extraction and purification of DNA /RNA nucleic acid from blood, serum, plasma, tissue extract, swab buffer, saliva, cell culture fluid, virus preservation solution etc. Formatted specifically for KingFisher Flex instruments, extract and purify nucleic acid automatically.

【COMPONENTS AND STORAGE】

Component	Quantity	Storage
Plate ①: 96 Deep well plate filled with Lysis and Binding Buffer	1	Store upright at 4°C to 35°C
Plate ②: 96 Deep well plate filled with HCY™ Beads	1	
Plate ③: 96 Deep well plate filled with Washing Buffer 1	1	
Plate ④: 96 Deep well plate filled with Washing Buffer 2	1	
Plate ⑤: 96 Deep well plate filled with Washing Buffer 3	1	
Plate ⑥: 96 Deep well plate filled with Elution Buffer	1	
96 Tip combs	1	
Tube 1: 24mg Proteinase K Lyophilized Powder	1	
Tube 2: 1.2mL Proteinase K Solvent	1	

【PROTOCOL】

- Before use, please check whether the plates are leaking, damaged or the liquid volume do not match the instruction. If there is any above situation, please do not use.
- Shake the pre-filled plates upside down for 3-5 times. Then centrifuge at low speed or pat the plates to make the solution gather at the bottom of the well. Gently tear off the film of the pre-filled plates.
- Pipette 1.2mL Proteinase K Solvent into the Proteinase K Lyophilized Powder tube and mix well to dissolve.
- Add 10 µL of Proteinase K Solution and 300ul of sample into Plate①. If the sample is less than 300 µL, make up to 300 µL with PBS buffer.
- Take Thermo KingFisher Flex 96 as an example. Choose "HCY_3Wash_300_KFFlex" protocol. Place 96-well plates and the tip combs on the instruments according to the instruction on the machine.
- The purified nucleic acid is ready for use immediately in the Plate⑥. Alternatively, store the plates at -20°C for long term storage.

【CAUTION】

- Before use, please read the instruction for use in detail and operate in strict accordance with the instruction for use.
- Before use, allow the kit return to room temperature.

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