



Nucleic Acid Release Tube

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No extraction required, releasing nucleic acid in 2 min, avoiding missed detection.



Molecular

Nucleic Acid Release Tube

This Nucleic Acid Release Tube consists of a sampling tube containing a sample release solution and a specimen bag (optional). It is used for the pretreatment of sample to be tested, which can release substance to be tested (nucleic acid) in the sample from the state of binding with other substances, and then nucleic acid can be tested by molecular diagnostic kit or instruments.



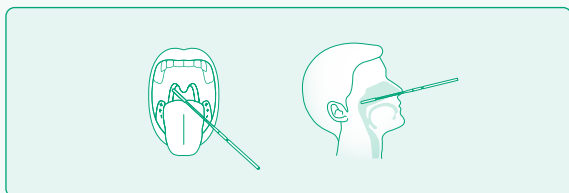
Features

Sample type: Swab samples (Pharyngeal, nose, conjunctiva, cervical cells, secretions)

Storage and Validity: Before use, store at 4~30°C; validity period: 12 months. After sample collection, the collection tube should be stored at 2~8°C; long-term storage should be placed at -70°C or below. After nucleic acid was released, it can be stored at room temperature for 48 hour or -70°C for 6 months.

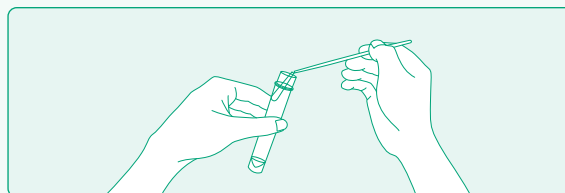
Direction for use

• Step 1



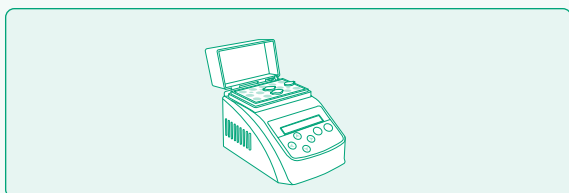
Sampling with swabs

• Step 2



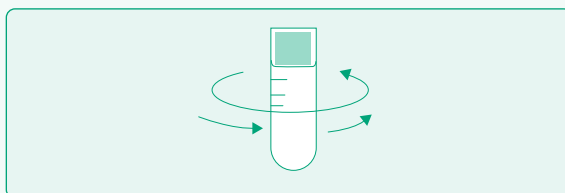
Break the swabs at the easy break point

• Step 3



Incubate at 85-95°C for 2-5min

• Step 4



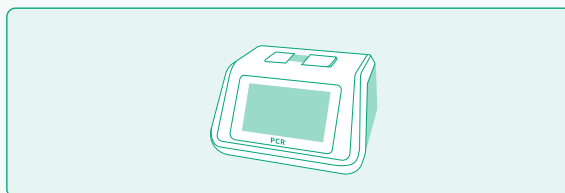
Instant centrifugation

• Step 5



Aspirate the supernatant

• Step 6

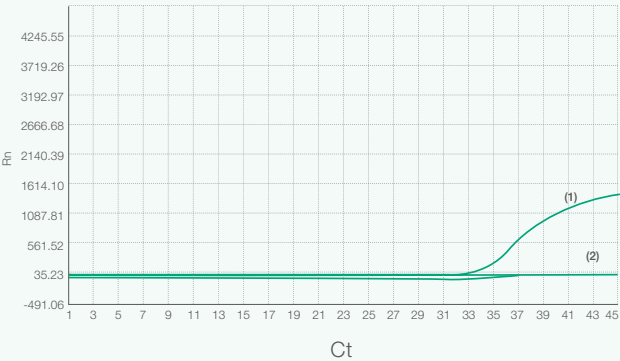


Amplification and detection

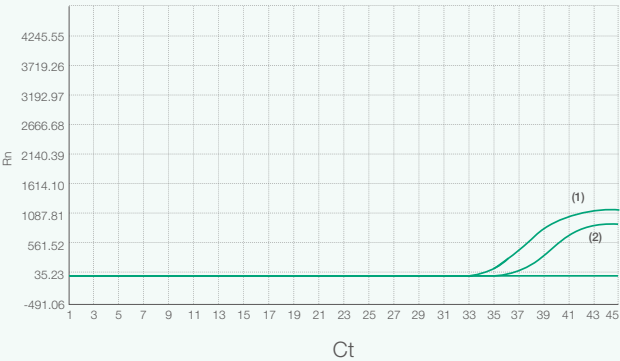
Performance

After adding the primers and probes of different item to the COVID-19 PCR detection kits of other brands, the samples are processed with the nucleic acid releaser of this brand and nucleic acid releaser of Ziyibo respectively. The positive control is extracted by the magnetic bead method. The sample volume is 5 uL, and the compared results are as follow.

Detection of Influenza A



Detection of Influenza B



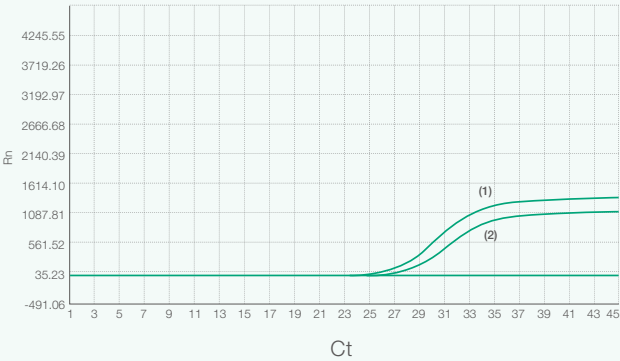
Detection of adenovirus



Detection of respiratory syncytial virus



Detection of Coronavirus OC43



Detection of Coronavirus 229E



Our Nucleic Acid Release Tube releases nucleic acid more completely than other brand releaser, which can avoid missed detection due to low nucleic acid concentration.



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