

# Rapid nucleic acid release agent (RNA type) -type II Guide Manual

(Part number: WLR8203-ES)

## Product description

This product is suitable for extracting nucleic acid from common biological samples (such as serum, saliva, buccal cells or swab immersion solution, tissue homogenate, etc.), and the extracted product can be directly used for nucleic acid detection.

## Product characteristics

1. Efficient and fast, simple operation can effectively extract nucleic acid.
2. Non-toxic, environmental protection, room temperature transportation and preservation.

## Materials provided

20 mL / tube, 1 tube / pack.

## Storage conditions

- Storage conditions: storage at room temperature.
- Full activity is guaranteed for 12 months.

## Set up

- Liquid samples ( such as serum, saliva, oral cells or swab soak, etc. ) extraction :  
Take 20  $\mu\text{L}$  of liquid samples, added to a centrifuge tube containing 180  $\mu\text{L}$  of sample release agent, vortex shock fully mixed, standing at room temperature for 5 minutes, instantaneous departure 3-5 seconds, sampling the extracted product 10  $\mu\text{L}$ -50  $\mu\text{L}$  Direct nucleic acid detection.
- The swab samples were extracted directly:  
Immerse the swab in a centrifuge tube containing 400  $\mu\text{L}$  of the release agent, mix well by vortex shaker, stand at room temperature for 5 minutes, leave for 3-5 seconds, and sample the extracted product 10  $\mu\text{L}$ -50  $\mu\text{L}$  nucleic acid detection.

## Note

1. The extraction operation should be carried out as soon as possible after the sample collection, and the sample quality will affect the extraction effect.
2. This product does not have the nucleic acid separation and purification function, and is suitable for experiments requiring low nucleic acid purity.
3. The nucleic acid released by this product shall be subject to nucleic acid testing as soon as possible, not for a long time, or for 4-8 $^{\circ}\text{C}$  than 4 hours to avoid repeated freezing and thawing.
4. If the sample has an additional storage solution (containing enzyme inhibitors or a high concentration of salt), the extracted nucleic acid sample may affect the subsequent amplification reaction.
5. The instructions must be read carefully before testing and operate in strict accordance with the requirements.

**Ordering information and technical support**

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