Blood Sample Release Reagent

Cat.No.:HYB513

Product Description

Hyasen develops sample direct amplification release reagent for molecular POCT diagnosis. For direct amplification LAMP system, there is no need for nucleic acid extraction, and the crude lysate of the sample can be directly amplified, the target gene can be accurately detected, the sample detection time can be further shortened, which perfectly matched the application requirements of molecular POCT. It is suitable for blood samples (heparin sodium, EDTA, sodium citrate anticoagulant collection vessels). The treated samples can be directly used for LAMP detection without complicated extraction operations, achieving the same results as conventional extraction methods.

Components

Components	Size-1	Size-2	Size-3
Blood Sample Release Reagent	8 mL	100 mL	1000 mL

Storage

This product should be transported and stored at room temperature.

Instructions

1. Take 1mL blood samples release reagent into 1.5 mL sampling tube, and add 10μL blood sample, then, mix well for use.
2. Incubation at room temperature (20~25℃) for 1 min, the preparation of lysis buffer is completed.
3. 25μL system can be compatible with 10μL amount of template addition for detection experiments.

Notes

1. The minimum amount of blood sample release agent corresponding to 10 μL blood samples can be adjusted to 500 μL. Adjustments can be made according to testing requirements.

2. Once the sample processed by the bloodsample release reagent, it is recommended to conduct the next phase of test as soon as possible , the interval waiting time is preferably less than 3 hour.
3. The pH of the blood sample release reagent is alkalinity, and the detection system needs to have a certain buffer. It is suitable for most LAMP fluorescent detection with pH buffer, but not suitable for LAMP colorimetric detection without buffer.