V02

Nucleic acid release agent (DNA)

Cat: SR0070
Package: 1mL/10mL
Storage: RT, Valid for 1 year.

Product description:

This product can be used for nucleic acid preparation of cell, animal, plant, blood, bacterial samples, and then directly as PCR amplification template.

Product features:

1. The operation is simple, eliminating the steps of DNA extraction, protein removal, RNA removal and so on. The DNA template for PCR amplification can be obtained in 5min. An experimenter can screen thousands of samples every day, especially suitable for large-scale breeding screening and detection screening.
2. Wide compatibility, it can be used for almost all molecular biological samples, including bacteria, insects, fungi, various plants, various animals, forensic samples (including whole blood, blood stains, seminal spots, saliva, hair, tissue samples, oral cells and FTA cards), paraffin tissue sections, etc.
3. Environmental protection and health, do not use any toxic and harmful reagents.
4. This product can only be used for scientific research.

Method of use:

1. Add 2μL liquid sample (such as whole blood, cell culture medium, virus sample, stool sample) or 2mg solid sample (such as animal tissue, plant leaves, seeds, etc.) (about half the size of a sesame seed) to 50μL of this product.

[Note]

The amount of sample added may need to be slightly adjusted according to its DNA content. If the DNA content of the sample is low, the amount should be increased, but the total liquid sample dosage should not exceed 1/10 of the amount of this product. The amount of solid sample should not exceed the ratio of 1mg/10μL.

2. For the liquid sample, leave it at room temperature for 3min; The fixed sample was heated at 80℃ for 5min; For samples that are difficult to break (such as fungi with thick walls, paraffin sections, blood spots), the holding time can be extended to 10-30min.
3. After a short shock mix, take the sample lysate directly for PCR amplification or other amplification (lysate volume should not exceed 2/5 of the reaction volume, for the amplification of 50μL system, the lysate added should not exceed 20μL. Due to the different components of each amplification system, the gradient test was performed when the product was combined for the first time, that is, the sample lysate of 1μL, 2μL, 5μL and 8μL were added to the amplification reaction of 50μL, respectively.
4. The rest is the same as normal operations.

Notes:

1. This product is for scientific research only. Do not use for medicine, clinical diagnosis or treatment, food and cosmetics. Do not store in ordinary residential areas.
2. For your safety and health, please wear a lab coat, disposable gloves and a mask.

Tel: 400-968-6088 https://www.solarbio.com E-mail: sales-china@solarbio.com
Address: No. 85, Liandong U Valley, Middle Zone, 101102, Tongzhou Dist, Beijing, China