



Direct Nucleic Acid Release Buffer (DNA Specific)

Extraction-Free Sample Preparation for
Direct Amplification

✉ info@ezassay.com

🌐 www.ezassay.com

EZassay Biotechnology Ltd.

Catalog Code: LYS-D-100
LYS-D-1000

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Brief introduction

This kit uses a specially formulated lysis system that can quickly release nucleic acids from samples, especially for DNA viruses, prokaryotic bacteria (including gram-negative bacteria and gram-positive bacteria) and other samples. It enables amplifications with samples without extraction and purification such as PCR, RPA, and LAMP. It saves time, labour and cost. This is very important of point-of-care test.

Materials supplied

Item	LYS-D-100	LYS-D-1000
Direct lysis buffer for PCR/ RPA/LAMP	5ml*1	5ml*10

Storage

Transported at ambient temperature. Store at 2-8°C after receipt.

Procedure(example is for reference only)

1. Harvest cells. Take 200 µl of the sample to be tested and add it to a 1.5 ml centrifuge tube and centrifuge at 12,000 rpm for 10 min.
2. Direct lysis. Remove the supernatant, add 50 µl of direct lysis buffer to the pellet. Mix well by vortex. Centrifuge at 12,000 rpm for 1minute, and take 1~5 µl of supernatant for amplification such as PCR, RPA, and LAMP.