

SwiftDNA MicroXtract

Cat#TSM243

INTENDED USE

This kit is intended for the extraction of DNA from Microbial culture samples.

PRINCIPLE

SwiftDNA MicroXtract uses a simple extraction method where microorganisms are chemically lysed to release DNA. The released DNA can then be used directly for conventional PCR and Loop Mediated Isothermal Amplification.

KIT COMPONENTS

Dropper - 1	Buffer PB - 1×1 mL
Buffer AL - 1×200µL	Buffer GT - 1×1.3 mL

STORAGE CONDITION

Store at 15-25°C

WARNINGS AND PRECAUTIONS

1. The instructions must be followed exactly to get accurate results.
2. Handle the samples carefully to avoid splashing.

PROCEDURE

1. Unscrew the Buffer PB tube. Using the sterile loop, transfer a small amount of enriched broth culture or a single isolated colony from a solid agar plate into the Buffer PB tube. Recap the tube securely.
 2. Centrifuge the Buffer PB tube at 5,000 rpm for 10 minutes. Carefully discard the supernatant without disturbing the pellet.
 3. Unscrew the Buffer AL tube and transfer one drop into the Buffer PB tube. Recap the Buffer AL tube securely.
 4. Gently tap the Buffer PB tube 2-3 times to mix. Incubate at room temperature for 5-10 minutes.
 5. Unscrew the Buffer GT tube and transfer the entire contents into the Buffer PB tube using the supplied dropper.
 6. Recap the Buffer PB tube and mix thoroughly by gentle inversion until the solution is uniformly mixed.
 7. DNA sample is now ready. Use 20µL of the prepared sample for PCR.
- Extracted DNA can be stored at -20°C for 1 year.

QUALITY CONTROL

Each batch tested for performance.

DISPOSAL

Dispose according to biomedical waste guidelines.

MANUFACTURER DETAILS

Trita Biotech Private Limited
Bio360 Life Sciences Park
Thonnakkal, Thiruvananthapuram, Kerala
Email: info@tritabiotech.com
Ph.91 9744499303

GLOSSARY OF SYMBOLS



Caution



Consult instruction
for use



Temperature
Limitation



Keep Dry



Research use only



Manufacturer



Do not Re-Use



Keep away
from sunlight

