

# SwiftDNA SwabXtract

Cat#TSS244

## INTENDED USE

This kit is intended for the extraction of DNA from swab samples, including buccal (oral), nasal, throat (oropharyngeal), conjunctival (eye), and other epithelial cell swab specimens.

## PRINCIPLE

SwiftDNA SwabXtract uses a simple chemical lysis method to release DNA from cells collected on a swab. The released DNA can be used directly as a template for Conventional PCR and Loop Mediated Isothermal Amplification.

## KIT COMPONENTS

|                     |                     |
|---------------------|---------------------|
| Dropper - 1         | Buffer PB - 1×500μL |
| Buffer GL - 1×100μL | Buffer GT - 1×1.3mL |

## 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.
3. Do not use the swab if the sterile packaging is damaged or opened.
4. Avoid touching the swab tip before or after sample collection.
5. Process the swab immediately after collection for best results.

## PROCEDURE

1. Collect the specimen using the sterile swab. Insert the swab into the Buffer PB tube and rotate it against the inner wall 10–15 times to release the collected cells. Discard the swab and recap the tube.
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 GL tube and transfer one drop into the Buffer PB tube. Recap the Buffer GL 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

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## GLOSSARY OF SYMBOLS



Caution


Consult Instruction  
for use

Temperature  
Limitation


Keep Dry



Research use only



Manufacturer



Do not Re-Use


Keep away  
from sunlight
