

## TOOLStorage Oral Buffer

**Cat. no.** RKT-BA12

**Storage:** Room temperature for 2 years

**Product Size:** 100 mL

## Introduction

The TOOLStorage Oral Buffer is a ready-to-use buffer for preserving mouthwash, saliva, buccal swab, and oral cavity samples at room temperature (RT). This product ensures DNA integrity for subsequent experiments, such as sequencing, SNP genotyping, PCR, and other molecular biology experiments.

### Important Notes

1. Ensure the swab or sample is completely immersed in the buffer. Use of TOOLS Buccal Swab and Saliva DNA Kit (DPT-BC62) is recommended for extracting DNA.
2. The product is for research only, and not for diagnostic and clinical use.

## Protocol

1. Ensure that the sample is not contaminated with food or other substances. It is recommended to keep the oral cavity clean and fast for 30 min before sampling.
2. Scrape the inside of the mouth 10 times with a buccal brush to collect buccal cells. Transfer the swab to a 2-mL microcentrifuge tube. Add 500  $\mu$ L to 1 mL TOOLStorage Oral Buffer into the tube and mix thoroughly by inverting the tube 5–10 times.
3. For saliva samples, the ratio between saliva and the TOOLStorage Oral Buffer is 1:1. For mouthwash samples, centrifuge the mouthwash and discard the supernatant. Add 500  $\mu$ L of the TOOLStorage Oral Buffer to re-suspend the pellet.

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