

# DATA SHEET

Version: 03  
Revision date: 23/05/23

## 1. Identification

Product name	<b>Buccal Swab Collection &amp; Stabilization Kit</b>
Cat. No	<b>SWC001</b>
Cat. No	<b>SWC002</b>

## 2. Description

The **Buccal Swab Collection & Stabilization kit** provide a safe and rapid all-in-one procedure for the collection, stabilization and transportation of buccal swab sample at ambient temperatures.

## 3. Composition

Item	Quantity (Units)	
	SWC001	SWC002
Swabs	20	100
Preservation Solution Tubes	20	100

## 4. Kit Storage

Store at room temperature.

## 5. Advantages

- ✓ Easy self-collection.
- ✓ Ship buccal swab samples at room temperature safely.
- ✓ Sample remains stable for 1 year at room temperature.
- ✓ Allows for subsequent isolation of DNA of excellent quality and integrity.

## 6. Applications

- ✓ STR Analysis-Human identification.
- ✓ Genetics.
- ✓ Forensics.
- ✓ Paternity Tests.
- ✓ Research Genotyping.

## 7. Further information

<b>Product Use</b>	This product is developed, designed, and sold exclusively only for research purposes
<b>Limitations</b>	use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.
<b>Safety Information</b>	When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate material safety data sheets (MSDS). These are available online in convenient and compact PDF format at <a href="http://www.canvaxbio.com">www.canvaxbio.com</a> where you can find, view, and print the MSDS for each CANVAX kit.



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### PROCEDURE

- 1) Put on gloves, open the bag and remove the collection swab.  
*✓ Hold the swab by the grip when taking the sample.*  
*✓ The sample must be collected immediately after opening the bag.*
- 2) Collect buccal cells by rolling the collection swab firmly on the inside of the cheek, approximately 20 times on each side, making certain to move the swab over the entire cheek. It is important to collect buccal (cheek) cells and not saliva.  
*✓ Do not force or excessively press or bend the swab when taking the sample, as this may result in accidental breakage of the shaft. The swab shaft has a moulded breakpoint in proximity of the tip, which allows intentionally breaking the swab inside a test tube.*  
*✓ Avoid touching any other surface after the sample has been collected.*
- 3) Submerge your swab into the preservation solution tube and shake vigorously.
- 4) Break the shaft at the swab breaking point.
- 5) Close your preservation solution tube and mail to lab for processing.  
*✓ The collection swab introduced into tube containing preservation solution, thus the buccal cells can be transported and stabilized for 1 year at room temperature and indefinitely at  $-20^{\circ}\text{C}$  or  $-80^{\circ}\text{C}$ .*

