



Collection Methods: Passive Drool Using the Saliva Collection Aid (96 Well Format)

Introduction: Whole saliva collected by passive drool is the gold standard when collecting oral fluid for biological testing. It avoids localized secretions of specific salivary glands providing a more consistent specimen. Whole saliva can be easily evaluated for volume collected and for salivary flow rate. Free from being compromised by absorbing materials used with other collection methods, whole saliva can be used as the oral fluid sample for viral RNA, antigen, and antibody testing for all analytes of interest.

The Saliva Collection Aid (SCA-96W) is designed for high-throughput testing and is the ideal collection tool for collecting whole saliva (passive drool). Its ease of use reduces participant burden and improves compliance for collecting whole saliva.

The Saliva Collection Aid offers the following benefits:

- ✓ Simple and easy to use, single use
- ✓ Packaged DNase RNase free (*non-sterile*)
- ✓ Ready-to-go instructions
- ✓ Comfortable, no-mess collection
- ✓ Vented design reduces sample foaming
- ✓ Collect samples directly into 96 well format tubes
- ✓ Use for participants 6 years of age and older*
- ✓ Constructed of virgin polypropylene
- ✓ Eliminates time and material needed to transfer specimen to storage vials in the lab

**NOTE: Sample collection with passive drool is designed for saliva donors who can follow simple instructions. For children younger than approximately 4 years of age, there may be wide ranging individual differences in their capability of collecting whole saliva. Thus, we encourage a pilot study.*

Passive Drool Cautions:

1. Use only as directed; Use each Saliva Collection Aid (SCA-96W) only once.
2. Do not use this device for children under the age of three (3) or without adult supervision.

Materials Needed:

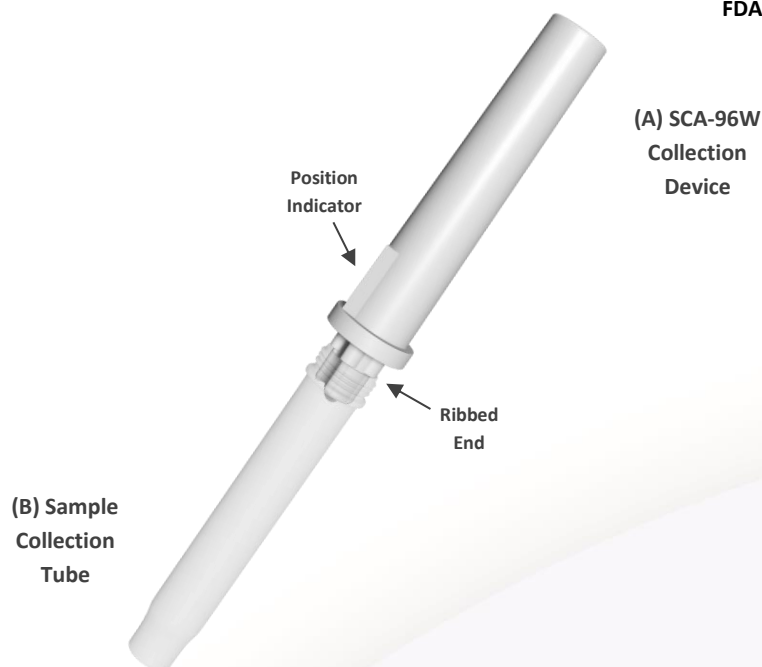
- 96 Well 1.4 mL Micronics Tube (External Thread)
- Saliva Collection Aid – SCA-96W (Salimetrics Item No. 5016.03, 5016.03B, or 5016.03I)

How to Reference this SalivaBio Device (Recommended)

“Whole saliva samples were collected with 96 well format tubes and the Saliva Collection Aid (exclusively from Salimetrics, State College, PA), a collection device specifically designed to improve volume collection, increase participant compliance, and validated for use with this test



Device Overview:



Instructions for Use:

- Step 1.** Open package and remove device (if applicable). Place the Ribbed End of the SCA-96W Collection Device (A) securely into the Sample Collection Tube (B).
- Step 2.** Hold the Sample Collection Tube so that the Position Indicator on the SCA-96W Collection Device points **AWAY** from you.
- Step 3.** Relax. Allow saliva to pool in mouth under your tongue for approximately 10-15 seconds. You may move your jaws from side to side and imagine some of your favorite foods as this will stimulate saliva production.
- Step 4.** Tilt head forward and gently allow saliva to flow out of your mouth through the SCA-96W Collection Device and into the Sample Collection Tube. **DO NOT FORCE** the saliva out of your mouth as this may cause bubbles to form and increase the chance of foaming.
- Step 5.** Look at the Sample Collection Tube and see if there is any foaming in the tube. You can gently tap the bottom of the Sample Collection Tube on a hard surface to reduce foaming.
- Step 6.** Repeat steps 3-5 until the Sample Collection Tube is approximately halfway filled with saliva, not including any bubbles or foaming which may appear in the tube.
- Step 7.** When the correct volume is in the Sample Collection Tube, remove and discard the SCA-96W collection device. Place the cap back on the Sample Collection Tube.

**NOTE: Collect saliva to approximately halfway in the Collection Tube (C), not including any bubbles or foaming which might appear in the tube.*

Sample Handling and Processing:

- Sample handling and processing should be validated as part of your test certification

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