



ORAc collect®•Dx is a robust, painless and easy-to-use DNA collection kit. ORAc collect•Dx is designed to collect, stabilize and protect DNA samples. Unlike buccal swabs, ORAc collect•Dx samples yield larger amounts of high quality human DNA and integrates easily into existing laboratory workflows.

- **A fast, easy and reliable DNA sample with no drying time required**
- **Stabilized DNA at ambient temperature**
- **High quality DNA for use in downstream molecular applications**
- **Flexible processing with seamless integration into existing workflows**

Sample ready for transport, storage and processing

Collection device catalog #: OCD-100A

**For more information contact
info@dnagenotek.com**

Features

ORACollect-Dx is a superior alternative to buccal swabs and offers several advantages:

- Collection of sample is simple and gentle for donor
- Efficient collection is ideal for clinical workflows
- DNA integrity is maintained at ambient temperature for transportation via regular post
- Bacteriostatic reagent inhibits growth of bacteria from time of sample collection to processing
- Liquid sample (no cutting of tips) eliminates manual steps, reduces the chance of errors and cross contamination, while facilitating efficiency in the lab
- High quality DNA sample enables downstream analysis with proven clinical utility
- Format optimizes laboratory efficiency
 - Use with liquid handling robots
 - Minimal hands on technician time
 - Compatible with standard labware
 - Integrated barcode on tube for workflow efficiency and sample traceability

Collection method comparison

Attributes	Buccal swabs	ORACollect-Dx
No drying time required	✗	✓
Specimen stability at ambient temperature	days	months
Liquid sample	✗	✓
Standardized format for high-throughput processing	✗	✓
Eliminates cross contamination	✗	✓
Integrated barcode for sample traceability	✗	✓
FDA cleared	✗	✓
Microbial contamination	$T_0 = 14\%, T_{30 \text{ days}} = 24\%^\dagger$	$T_0 = 4\%, T_{60 \text{ days}} = 4\%^{**}$
Median yield	$0.7 \mu\text{g}^\dagger$	$2.6 \mu\text{g}^*$
Molecular weight	$< 23 \text{ kb}^\dagger$	$> 23 \text{ kb}^\dagger$

[†] Panford-Walsh R., Doukhanine E. and Bouevitch A. (2011). Comparison of DNA from samples collected using ORACollect-DNA (OCR-100) vs. buccal swabs. DNA Genotek. PD-WP-00021.

* Data was obtained by testing 156 samples from 156 donors and DNA was extracted using the QIAamp® DNA Mini kit (QIAGEN®).

** Data was obtained by testing 30 samples from 30 donors.

OCD-100A kit contents



Packaging

Collector

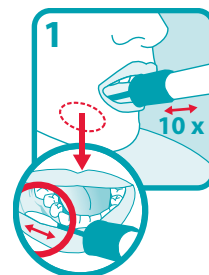
ORACollect-Dx has been cleared for in vitro diagnostic use in the U.S.A.

[†] FDA cleared for in vitro diagnostic use with the eSensor® Warfarin Sensitivity Saliva Test.

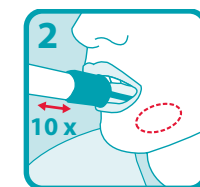
*ORACollect is a registered trademark of DNA Genotek Inc. All other brands and names contained herein are the property of their respective owners.

Patent (www.dnagenotek.com/legalnotices)

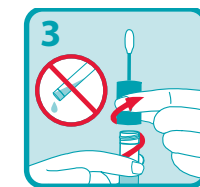
Easy collection



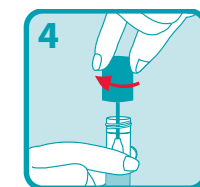
Place sponge comfortably in mouth and rub lower gums 10 times back and forth.



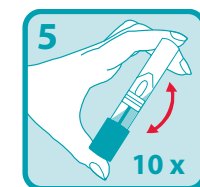
Repeat rubbing motion on the opposite side of the mouth.



Holding the tube upright, unscrew the cap from the tube.



Turn the cap upside down, insert the sponge into the tube and close tightly.



Invert the capped tube and shake vigorously 10 times.

Product specifications

Pre-use with packaging:

Dimensions: $10.2 \times 24.1 \times 1.8 \text{ cm}$

Weight: 11 g

Shelf-life: 24 months

Post sample collection specifications

Storage conditions: Room temperature

Sample stability: 60 days

For full specifications on weight and dimensions, refer to PD-BR-00240 on our website.