



## Collect high-quality DNA samples for research and molecular diagnostic applications

The ORACollect™ DNA collection device is robust, painless and easy to use for DNA collection. The unique design delivers samples that are superior to those collected with traditional flocked or cotton swabs, with DNA of higher quality and quantity. The ORACollect™ DNA collection device is a suitable alternative to blood collection and easily integrates into existing laboratory workflows.

- Fast, easy and reliable DNA sample collection in a clinic or at home
- Stabilized DNA at ambient temperature
- High-quality DNA for use in downstream molecular applications
- Flexible processing with seamless integration into existing workflows
- Barcoded for full sample traceability



Other DNA Genotek™ products include:



## Features and benefits

- Collection of sample is simple and gentle for donor
- Efficient and reliable collection in a clinic or at home
- DNA samples are able to withstand temperatures ranging from -20°C to 50°C (-4°F to 122°F) during collection and transportation
- Stabilization chemistry is non-toxic, bacteriostatic and prevents DNA degradation
- Compatible with high-throughput automated laboratory handling and barcode scanning for sample traceability

## Collection method comparison

	Buccal swabs	OCR-100
Non-abrasive collection	✗	✓
Standardized format for high-throughput processing	✗	✓
Liquid sample	✗	✓
Specimen stability at room temperature	Days	Months
No cold chain required	✓	✓
Bacteriostatic	✗ <sup>†</sup>	✓ <sup>‡</sup>
Mean yield	0.86 µg <sup>†</sup>	up to 2.9 µg <sup>‡</sup>
Sample size	1 swab	1 mL
Molecular weight	< 23 kb	> 23 kb

<sup>†</sup> Panford-Walsh R, Doukhanine E, Bouevitch A. (2011). Comparison of DNA from samples collected using ORACollect-DNA (OCR-100) vs. buccal swabs. DNA Genotek. PD-WP-21. [PDF].

<sup>‡</sup> Data was obtained by testing 156 samples from 156 donors and DNA was extracted using the QIAamp® DNA Mini Kit (QIAGEN®, Cat. No. 51304).

## Product specifications and contents

### Packaged product:

Dimensions: 241 mm x 102 mm x 19 mm

Approximate weight: 15 g\*\*

Shelf life: 24 months\*\*\*

Storage conditions: 15°C-25°C (59°F-77°F)

For full product specifications, refer to PD-BR-240.

RC-2 replacement caps are available as an accessory for storage of the remaining sample after an aliquot has been taken from the sample and the double-ended cap has been removed and discarded.

Buccal swabs abrasively scrape tissue from the cheek, primarily collecting epithelial cells and bacteria.

Abrasive buccal swab



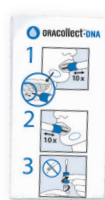
Soft saliva-absorbing sponge



Without appropriate stabilization, buccal swabs are prone to bacterial growth and DNA degradation.



Collection device

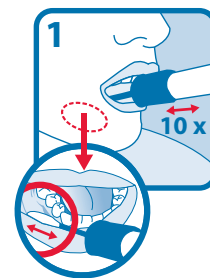


Instructions for Use

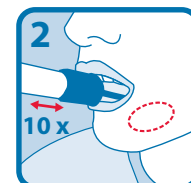


Primary packaging

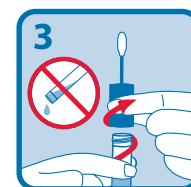
## Collection instructions



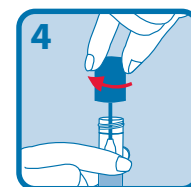
Place sponge comfortably in mouth and rub lower gums 10 times back and forth.



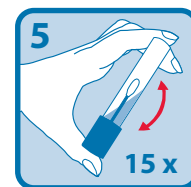
Repeat rubbing motion on the opposite side of the mouth.



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 15 times.

ORACollect™-DNA devices are not available for sale in the United States.

<sup>†</sup>Products for research use only, not for use in diagnostic procedures.

\*Some DNA Genotek products may not be available in all geographic regions.

\*\*Packaged product weight includes Instructions for Use.

\*\*\*Shelf life is 24 months from date of manufacture at specified storage conditions.

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Patent (www.dnagenotek.com/legalnotices)