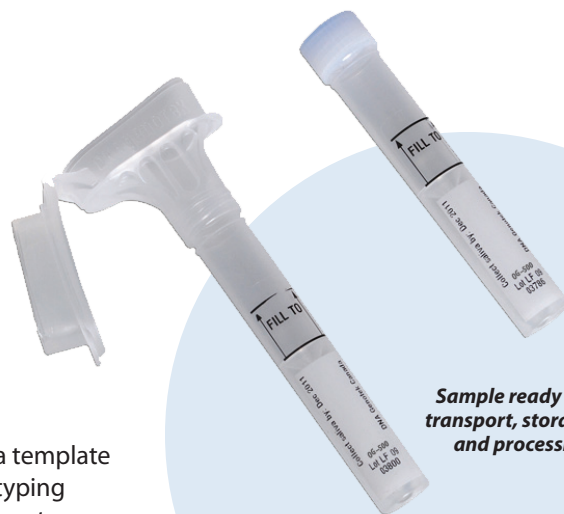




Collect superior samples for your genetic analysis and testing

- **Painless, non-invasive collection of high quality, high quantity DNA**
- **Easy collection, transportation and processing**
- **DNA is stable for years at room temperature**
- **Standardized format for automated processing**
- **Proven on downstream applications**

Bahlo M et al. Cancer Epidemiol Biomarkers Prev. 2010;19(3):794-8.



**Sample ready for
transport, storage
and processing**

Collection device catalog #: OG-500

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

Benefits

- Improve patient care and compliance with painless, non-invasive sample collection
- Eliminate phlebotomy costs
- Ideal for use with children or patients that will not comply with blood collections
- Increase efficiency, minimize sample handling and reduce handling errors with a compatible format for high-throughput processing
- Sample remains stable for years at room temperature, reducing transportation and storage costs
- Sample can be mailed using the standard postal system
- DNA from saliva is equivalent to DNA from blood for downstream applications

Collection method comparison

Attributes	Blood collection	Oral collection		
	Venous blood	Mouthwash	Buccal swabs	Oragene-DNA (OG-500)
Non-invasive collection	✗	✗	✓	✓
Standardized format for high-throughput processing	✓	✗	✗	✓
Specimen stability at room temperature	Days	Weeks	Days	Years
Low bacterial content	✓	✗ [†] (up to 60% bacterial content)	✗ [†] (up to 90% bacterial content)	✓ [†] (median 11.8% bacterial content)
Median DNA yield	30 µg	35 µg	2 µg	110 µg
Sample size	1 mL	10 mL [‡]	1 swab	2 mL
Molecular weight	> 23 kb	> 23 kb	< 23 kb	> 23 kb
Shipping at ambient temperature	✗	✓	✓	✓
Full customization available	✗	✗	✗	✓

[†] Birnboim, H.C., Iwasiow, R.M. and James, C.M.P. (2008). Human genomic DNA content of saliva samples collected with the Oragene self-collection kit. DNA Genotek. PD-WP-011.

[‡] Volume of mouthwash used for sample collection.

Kit contents



Oragene-DNA is not available for sale in the United States.

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

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

Product specifications

Pre-use with packaging:

Dimensions: 14.0 x 8.0 x 2.8 cm

Weight: 39 g

Shelf-life: 30 months

Post sample collection specifications

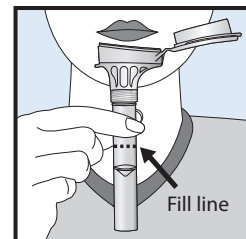
Standard false bottom tube:

Tube diameter: 16 mm

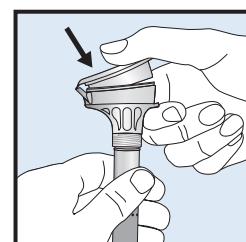
Tube height (without cap): 93 mm

Stability: Years

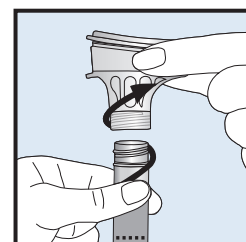
Easy collection



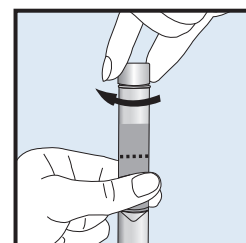
Spit until the amount of saliva (not bubbles) reaches the fill line.



Close lid tightly by pushing down hard on the funnel lid until you hear a loud click.



Unscrew the funnel from the tube.



Close tube tightly with small cap. Shake for 5 seconds.

U.S. Patent No. 7,482,116;
European Patent No. 1 513 952
and 1 956 969; Patent pending
Canadian Design Nos.
127470; 132896; 132897
U.S. D631,554 S and D640,795 S
Community Design Nos.
001095186-0001; -0002; -0003