



## 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-510)
Non-invasive collection	✗	✗	✓	✓
Standardized format for high-throughput processing	✓	✗	✗	✓
Specimen stability at room temperature	Days	Weeks	Days	Years
Low bacterial content	✓	✗ <sup>†</sup> (up to 60% bacterial content)	✗ <sup>†</sup> (up to 90% bacterial content)	✓ <sup>†</sup> (median 11.8% bacterial content)
Median DNA yield	30 µg	35 µg	2 µg	55 µg
Sample size	1 mL	10 mL <sup>‡</sup>	1 swab	1 mL
Molecular weight	>23 kb	> 23 kb	< 23 kb	>23 kb
Shipping at ambient temperature	✗	✓	✓	✓
Low infectious risk	✗	✓	✓	✓
Full customization available	✗	✗	✗	✓

<sup>†</sup> Birnboim, H.C., Iwasio, 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.

<sup>‡</sup> Volume of mouthwash used for sample collection.

## Kit contents



### 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

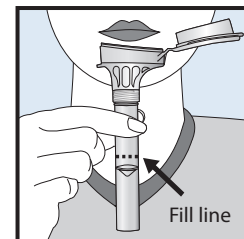
Tube height (without cap): 93 mm

Stability: Years

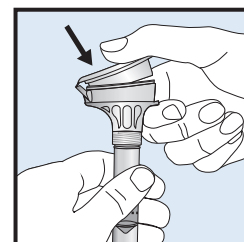
Oragene<sup>®</sup>DNA is not available for sale in the United States.  
Some DNA Genotek products may not be available in all geographic regions.

\*Oragene is a registered trademark of DNA Genotek Inc. All other brands and names contained herein are the property of their respective owners.  
Patent (www.dnagenotek.com/legalnotices)

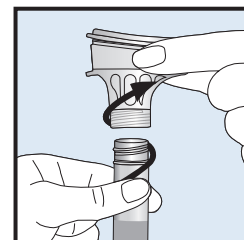
## Easy collection



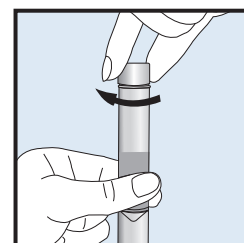
Spit until the amount of saliva (not bubbles) reaches the fill line.



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.