

## DNA from Saliva

EASY • PAINLESS • PROVEN

### Collect superior samples for clinical genetic testing

All genetic analysis and testing starts with the collection of DNA samples. Oragene<sup>®</sup>DNA is ideal for any clinical application that requires DNA to derive a result. Genetic testing companies will improve their efficiency, cut costs and increase the number of tests conducted by offering a **non-invasive**, reliable and easy-to-use sample collection method.

- **Collect high quality, high quantity DNA**
- **Improve patient care with easy-to-use and non-invasive sample collection**
- **Decrease cost and complexity of sample transport, management and storage with long-term room temperature stability of samples**
- **Standardized format for automated processing**



*Sample ready for transport, storage and processing*

*Collection device catalog #: OG-510*

*For more information contact  
[info@dnagenotek.com](mailto:info@dnagenotek.com)*

## Benefits

- Painless, non-invasive collection of high quality, high quantity DNA
- Improve patient care, convenience and compliance while eliminating phlebotomy costs and inconvenience
- Ideal for use with children or patients that will not comply with blood collections
- Reliable for use in any collection environment: in the clinic, at the physician's office or even at home
- Compact and robust design for transport via the standard postal system
- Decrease cost and complexity of sample transport, management and storage with long-term ambient temperature stability of samples
- Increase efficiency, minimize sample handling and reduce handling errors with barcode traceability and a format compatible with high-throughput processing
- Proven to perform as well as blood on downstream applications from PCR-based applications to microarrays
- Customized packaging options are available to promote brand recognition and reinforce unique usage requirements

## Oragene-DNA sample collection product line

Attributes	OG-500	OG-510	ON-500	OG-575
Non-invasive collection	✓	✓	✓	✓
Standardized format for high-throughput processing and minimizing handling errors	✓	✓	✓	✓
Specimen stability at room temperature	Years	Years	Months	Years
Sample size	2 mL	1 mL	0.5 mL	0.75 mL
Median DNA yield	110 µg <sup>†</sup>	55 µg	12 µg <sup>‡</sup>	17.3 µg <sup>**</sup>
Molecular weight	> 23 kb	> 23 kb	> 23 kb	> 23 kb
Shipping at ambient temperature	✓	✓	✓	✓
Customization available	✓	✓	✓	✓

<sup>†</sup> Birnboim, H.C. (2004). DNA yield with an Oragene self-collection kit. DNA Genotek. PD-WP-001.

<sup>‡</sup> Iwasio, R.M., Tayeb, M.A. and James, C.M.P. (2009). Quality, yield and bacterial content of DNA from human saliva collected and purified using Oragene-ONE. DNA Genotek. PD-WP-013.

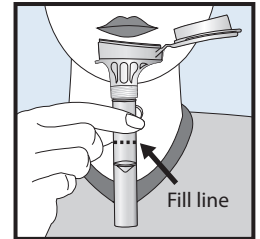
<sup>\*\*</sup> Niles, J.O., Rabuka, S., and Iwasio, R.M. (2010). Non-invasive, assisted collection of high quantity and quality genomic DNA from saliva of young children. DNA Genotek. PD-WP-018.

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

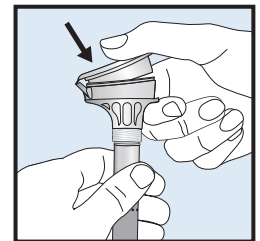
Some DNA Genotek products may not be available in all geographic regions.

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

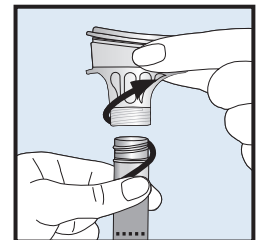
## Easy collection



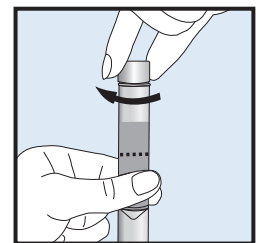
Spit until the amount of saliva (not bubbles) reaches the fill line.



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