

PD-BR-018

Title: ON-500 Brochure

Scope: This form is used to track changes to the content for the ON-500 Brochure (PD-BR-018)

UNCONTROLLED COPY WHEN PRINTED

Author:	Kathleen Wright	Date
Reviewed by:	Chantal Hemens-Davis	Date
Reviewed by:	Cecilia Becerril	Date
Approved by:	Cindy MacCullough	Date

Change Record

Issue #	Date	Issued by	Description of Change
1.0	May 13, 2009	K. Wright	First issue



DNA from Saliva
EASY • PAINLESS • PROVEN

Primary packaging

ON-500
Features & Benefits

- Improve patient care with painless, non-invasive sample collection
- Increase compliance
- Collect high quality DNA
- Eliminate phlebotomy costs
- Ideal for use with young children, needle phobic or non-compliant patients
- Increase efficiency, minimize sample handling and reduce handling errors with a compatible format for high throughput processing
- Reduce errors with fully integratable bar codes for positive controls and integration into LIMS systems
- DNA is equivalent to DNA from blood for downstream applications
- Sample remains stable at room temperature reducing transportation and storage costs
- Purification reagent is available for easy processing
- Sample can be mailed using the standard postal system
- FDA registered, CE & IVD certification



Instructions



Tube



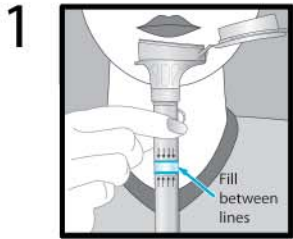
Cap



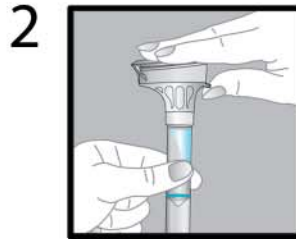
Sample ready for transport/storage



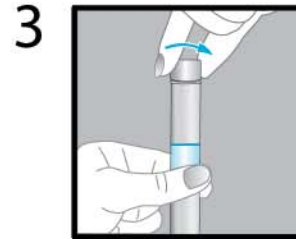
Easy DNA Collection in minutes



Patient delivers saliva into the Oragene•ONE collector



Close the lid to release the DNA-preserving fluid



Close the tube with tube cap and shake. DNA is now stable for transportation and storage at room temperature

Collection Method Comparison

Attributes	Blood Collection	Oral Collection		
	Venous Blood	Mouthwash	Buccal Swabs	Oragene•ONE (ON-500)
Completely non-invasive	✗	✗	✗	✓
Standardized format for high throughput processing	✓	✗	✗	✓
Specimen stability at room temperature	Weeks	Weeks	Days	Months
Low bacterial content	✓	✗ ^{††} (up to 60% bacterial content)	✗ ^{††} (up to 90% bacterial content)	✓ [†] (up to 7.4% bacterial content)
Median DNA yield	30 µg	3.5 µg	2 µg	12 µg [†]
Sample size	1 ml	1 ml	1 swab	0.5 ml
Molecular weight	>23 kb	> 23 kb	< 23 kb	>23 kb
No special shipping or handling required	✗	✓	✓	✓
Low infectious risk	✗	✓	✓	✓
Ideal for use with children	✗	✗	✗	✓
Full customization available	✗	✗	✗	✓

[†] Iwasiow, R.M., Tayeb, M. A., James, C. M. P. (2009) Quality, Yield and Bacterial Content of DNA from Human Saliva Collected and Purified Using Oragene•ONE. DNA Genotek Technical Bulletin PD-WP-013

^{††} Birnboim, H.C., Iwasiow, R.M., James, C. M. P. (2008) Human Genomic DNA Content of Saliva Samples Collected in Oragene•DNA. DNA Genotek Technical Bulletin PD-WP-011

Product Specifications

With packaging

- Dimensions: 14.0 x 8.0 x 2.8 cm
- Weight: 39 g

Post sample collection specifications

- Saliva sample: 0.5 ml
- Oragene•ONE stabilizing liquid: 1.5 ml
- Tube diameter: 16 mm tube diameter
- Tube height (without cap): 93 mm

DNA from Saliva

EASY • PAINLESS • PROVEN

