



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



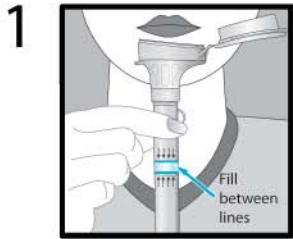
Cap



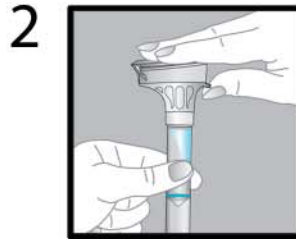
Sample ready for transport/storage



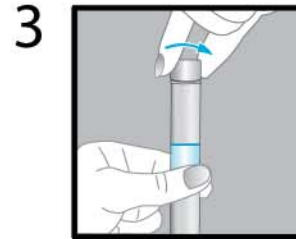
Easy DNA Collection in minutes



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

