

Benefits

- Increase recruitment and compliance with painless, non-invasive sample collection
- Eliminate phlebotomy costs
- Sample remains stable for months 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
- Sample traceability with unique 1D barcode

Collection method comparison

| Attributes | Blood collection | | Oral collection | |
|--|------------------|-----------|-----------------|------------------|
| | Venous blood | Mouthwash | Buccal swabs | go DNA (DGR-400) |
| Non-invasive collection | ✗ | ✗ | ✓ | ✓ |
| Standardized format for high-throughput processing | ✓ | ✗ | ✗ | ✓ |
| Specimen stability at room temperature | Days | Weeks | Days | Months |
| Low bacterial content | ✓ | ✗† | ✗† | ✓ |
| Median DNA yield | 30 µg | 35 µg | 2 µg | 57 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 | ✗ | ✓ | ✓ | ✓ |

† Birboim, 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.

‡ Volume of mouthwash used for sample collection.

Kit contents



Product specifications

Pre-use with packaging:

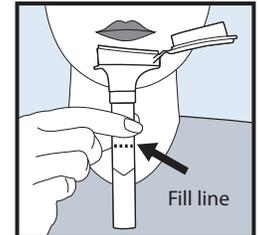
Dimensions: 14.0 x 7.5 x 2.8 cm
Weight: 37 g
Shelf-life: 24 months

Post sample collection specifications

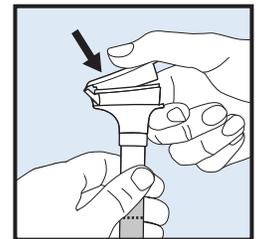
Standard false bottom tube:

Tube diameter: 16 mm
Tube height (with cap): 77 mm*
Stability: Months

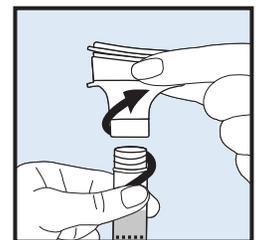
Easy collection



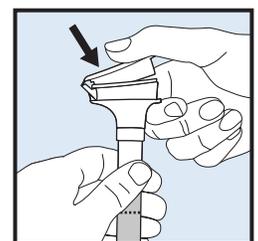
Spit until the amount of saliva (not bubbles) reaches the fill line.



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.

go DNA™ is for research use only, not for use in diagnostic procedures.

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

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*For more tube specifications, please contact info@dnagenotek.com

Patent (www.dnagenotek.com/legalnotices)