

TRUSTED LEGACY OF



## Human and microbial DNA and RNA from a single saliva sample

### Set your multi-omic project up for success starting with the best-in-class DNA and RNA sample collection kit — ideal for both host and microbial applications.

- Validated saliva self-collection kit for stabilization of total nucleic acids during ambient temperature storage and shipping
- Compatible with downstream applications including PCR/RT-PCR
- All-in-one, patented, user-friendly design proven to reduce human error and improve donor compliance<sup>1</sup>
- Single-sample analysis with a true multi-omic collection kit



### The NEW benchmark for at-home collection of total nucleic acids from saliva

#### Maximize yields and stabilize nucleic acids at ambient temperature

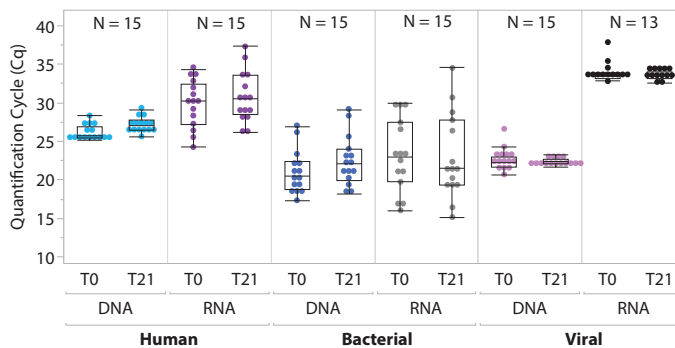


Figure 1: Quantification cycle (Cq) analysis for representative target genes across saliva samples collected in OMNigene-SALIVA DNA and RNA (OMR-610).<sup>2</sup>

Table 1: Total DNA and RNA yields from a 250 µL aliquot of OMNigene-SALIVA DNA and RNA extracted with QIAGEN® RNeasy® PowerMicrobiome Kit.

	DNA yield (µg)	RNA yield (µg)
N	15	15
Mean ± SD	0.90 ± 0.89	0.72 ± 0.40
Min, Max	0.08, 2.94	0.41, 1.85

**Analyte collection comparison**

	OMNigene•SALIVA DNA and RNA	OMNigene•ORAL	Oragene
Human DNA	✓	✗	✓
Human RNA	✓	✗	✗
Microbial DNA	✓	✓	✗
Microbial RNA	✓	✓	✗

**Specifications and attributes**

Saliva sample to stabilization solution ratio	1 mL/1 mL
Number of extractions per kit (250 µL per extraction)	Up to 8
Yields suitable for downstream applications	i.e., qPCR, RT-qPCR, genotyping
Freeze-thaw and temperature fluctuation stability	-20°C to +50°C
Room temperature stability for the detection of human and microbial DNA and RNA	21 days
Barcoded for full sample traceability (128C format)	✓

**Increase ease of use and maximize collection compliance**

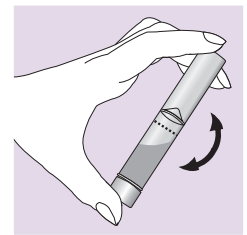
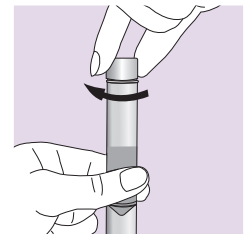
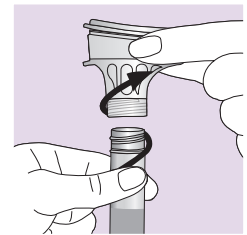
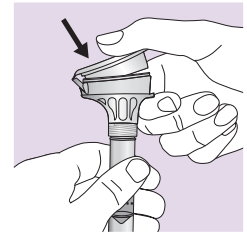
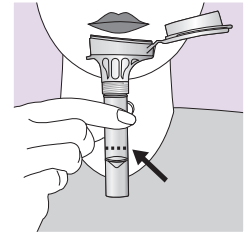
Study participants (N = 507) successfully completed entire user workflow of kit registration, sample collection, and shipping sample to processing laboratory

- ≥ **96.5%** of study participants agreed that collection instructions were easy to find<sup>1</sup>
- ≥ **96.1%** of study participants agreed that collection instructions were easy to understand<sup>1</sup>

**Future-proof your genomic and microbiome research today with a total nucleic acid collection and stabilization kit**

**Packaged product:**  
Dimensions: 14.0 cm x 7.5 cm x 2.8 cm  
Weight: 36 g

**Easy collection instructions**



For full collection instructions visit [www.dnagenotek.com](http://www.dnagenotek.com)

<sup>1</sup> Based upon results from the Oragene™-Dx human factors studies [K141410 and K192920].  
<sup>2</sup> To evaluate viral nucleic acids, samples were spiked with both a DNA virus and an RNA virus. Nucleic acid extractions were performed at baseline (T0) and after > 21 days of storage (T21) followed by qPCR or RT-qPCR analysis using primers and/or probes specific for the representative gene targets. Data are presented as a scatter plot, where each point represents an extracted sample from one individual, with box plot overlay showing median and quartiles.

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Clamshell and collection instructions