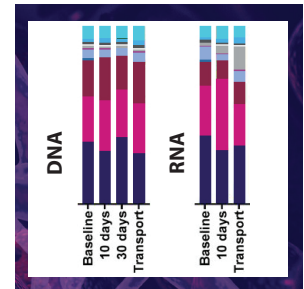
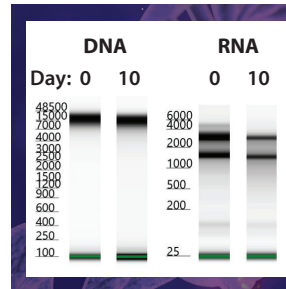


High-quality DNA and RNA for gut microbiome profiling

Make no compromise. A single collection device that preserves high-quality microbial DNA and RNA for 10 days at room temperature.



Future-proof your research by adopting a collection device that will preserve your sample for future multi-omics downstream analysis



Convenient

Collect sample at home without the need for cold-chain transport.

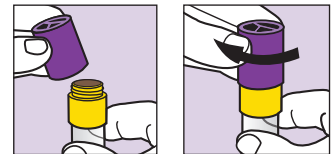
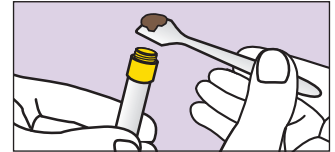
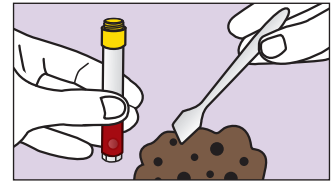
Uncompromising

Maintain both DNA and RNA integrity at room temperature.

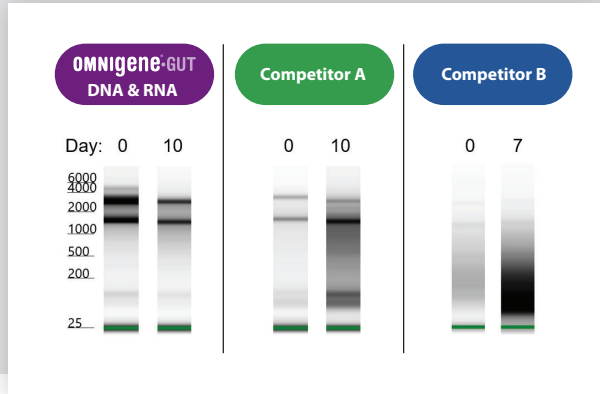
Reassuring

Preserve an accurate profile during real-life shipping conditions.

Discovering new insights starts with a reliable collection method.



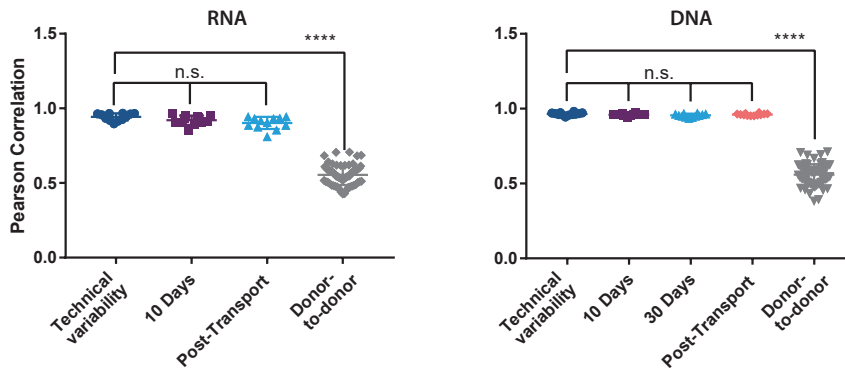
For full collection instructions, visit www.dnagenotek.com



Dependable collection device for stabilizing and preserving high-quality RNA from fecal samples

RNA integrity at baseline and after 7 or 10 days for a representative donor. Samples were collected using OMNIGENE-GUT DNA and RNA or two commercially-available collection devices for DNA and RNA from fecal samples. RNA was assessed by ScreenTape on Agilent TapeStation 4200.

One unique collection device delivering microbial stability of both functional and compositional profiling



DNA and RNA profile stability (similarity to baseline). Pearson Correlation as a measure of similarity in RNA and DNA profiles. Each point represents the profile similarity between a sample extracted at the specified time point relative to the matching sample extracted at baseline (N = 12).

Specifications and attributes

Fecal sample collected per kit (median)	545 mg
Number of extractions per kit (200 µL per extraction)	20
DNA yield per 200 µL extraction (median)	5.9 µg
Freeze-thaw and temperature fluctuation stability	-20°C ↕ +30°C
RNA profile stability at room temperature	10 days
DNA stability at room temperature	30 days
Compatible with metagenomics and metranscriptomics assays	✓
Suitable for long-term storage and biobanking	✓
Barcoded for full sample traceability (128C and 2D)	✓

Packaged product:

Dimensions: 24.2 cm x 10.2 cm
Weight: 33.54 g

Collection device:

Height: 118.9 mm
Tube height: 92.5 mm
Tube diameter: 15.25 mm
Cap diameter: 18 mm

Storage conditions:

Pre-collection:
15°C ↕ 25°C (59°F ↕ 77°F)

Pouch and collection instructions



Your partner in future-proofing your microbiome research

Some DNA Genotek products may not be available in all geographic regions. OMNIGENE-GUT DNA and RNA (OMR-205) is For Research Use Only; not for use in diagnostic procedures. OMNIGENE and DNA Genotek are registered trademarks of DNA Genotek Inc. All other brands and names contained herein are the property of their respective owners.

For research use only

Superior samples • Proven performance

Patent (www.dnagenotek.com/legalnotices) PD-BR-00383 Issue 1/2022-07
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