OMNIgene™•GUT

OMR-200

A snapshot of the microbiome

Collect and stabilize DNA for quantitative gut microbiome profile analysis

OMNIgene™•GUT is an all-in-one system for easy self-collection and stabilization of microbial DNA from stool samples for gut microbiome profiling.

Protect the integrity of your DNA samples with a reliable and safe transport media that inactivates viruses and other pathogens.

Standardized sample input for quantitative analysis

Sample ready for transport, storage and processing

- **Easy self-collection of high-quality samples at home**
- **Rapidly homogenize and stabilize samples immediately at collection**
- **Transport and store stabilized DNA at ambient temperature for 60 days — no cold chain required**
- **Ensure microbiota profiles accurately represent the in vivo state**
- **Standard sample input is ideal for manual or high-throughput, automated processing**
- **Obtain high-quality DNA suitable for 16S rRNA microbiome profiling, shotgun metagenomic sequencing, qPCR and arrays**
- **Barcoded for full sample traceability**

"I like the idea that [an] OMNIgene™•GUT [device] stabilizes the community immediately at time-of-collection because that is far more immediate than I could ever manage with the ice pack method."

Diana Taft,
Researcher at Cincinnati Children's Hospital Medical Center

DNAgenotek™

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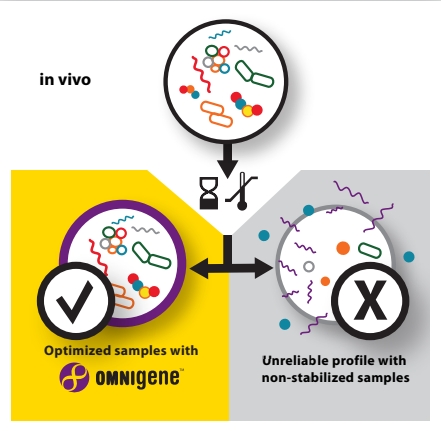
Not for use in diagnostic procedures

OMNIgene™•GUT

OMR-200



Ensure high-quality samples and accurate representations of the microbial community

- Sample stabilization eliminates bias introduced by microbial overgrowth and decay
- Standardized collection enables optimal, cost-effective laboratory processing
- High-quality samples facilitate accurate research translation

Benefits of OMNIgene™•GUT devices

- Improve donor compliance with intuitive and user-friendly collection
- Minimize bias introduced by microbial growth and DNA degradation
- Eliminate the costs associated with temperature-controlled shipping
- Eliminate need for weighing and aliquot bias with a standard volumetric sample
- Maintain DNA integrity in typical ambient temperature fluctuations (e.g., -20°C to 50°C)
- Minimize noise in your data analysis with reliable microbiota profile

OMNIgene™•GUT (OMR-200) attributes

Sample homogenization	✓
Sample collected per kit (median)	520 mg ± 101 mg
Shipping at ambient temperature	✓
Compatible with guanidinium-based extraction kits	✓
Standardized format for high-throughput processing	✓
Complementary liquefaction reagent available (OM-LQR)	✓
Number of extractions per kit (250 µL per extraction)	8
DNA yield per extraction (median)	12 µg ± 1.49 µg (12.56 µg)
High molecular weight DNA	✓
Microbiome profile stability at room temperature	60 days
Suitable for NGS profiling	✓

Product Specifications

Pre-use with packaging:
Dimensions: 24.2 cm x 10.2 cm
Weight: 21.25 g

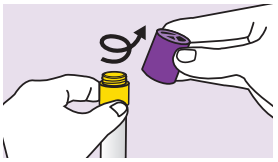
Collection device:
Height: 118.9 mm
Tube height: 92.5 mm
Tube diameter: 15.25 mm
Cap diameter: 18 mm
Net weight: 12.08 g
Storage conditions: 15°C–25°C

OMR-200 kit contents

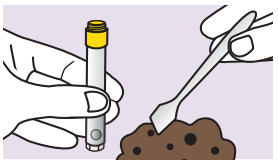
Packaging and instructions

Collector *Spatula*

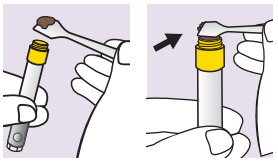
Collection instructions



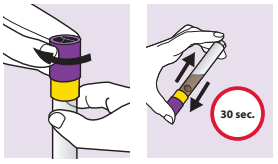
While holding the yellow tube top, unscrew ONLY the purple cap and set aside for later use.



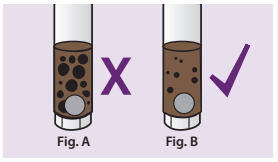
Use the spatula to collect a small amount of fecal sample.



Transfer the fecal sample into the top portion of the yellow tube top. Scrape horizontally across the tube top to level the sample and remove any excess.



Pick up the purple cap and screw onto the yellow tube top until tightly closed. For a minimum of 30 seconds, shake the sealed tube as hard and fast as possible in a back-and-forth motion.



The fecal sample will be mixed with the stabilizing liquid in the tube; not all particles will dissolve.

For full collection instructions visit ***www.dnagenotek.com***

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Superior samples • Proven performance

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