



Snapshot 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 feces for gut microbiome profiling.

- Easily self-collect a high quality sample at home
- Rapidly homogenize and stabilize at the point-of-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

"We've made our lab efficiency about 30% better by eliminating manual steps with OMNIgene•GUT."

Researcher, Weizmann Institute of Science

For In Vitro Diagnostic Use

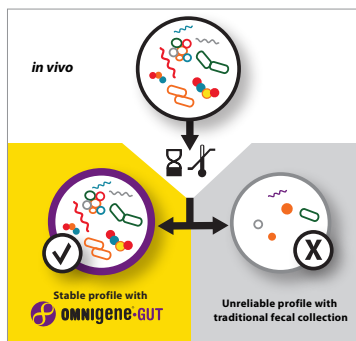
For collection of microbial DNA

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DNAgenotek





Benefits of snapshotting a sample for quantitative analysis

Total homogenization and stabilization of the sample at point of collection ensures:

- Neutrality
- Richness
- Abundance
- Reproducibility
- Stability

Benefits of OMNigene-GUT

- 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

Attribute	OMNigene-GUT (OM-200)
Sample homogenization	✓
Sample collected per kit (median)	520 ± 101 mg
Shipping at ambient temperature	✓
Compatible with guanidinium based extraction kits	✓
Standardized format for high-throughput processing	✓
Number of extractions per kit (250 µL per extraction)	8
DNA yield per extraction (median)	1.91 ± 1.28 µg
High molecular weight DNA	✓
Microbiome profile stability at room temperature	60 days
Suitable for NGS downstream application	✓

Product Specifications

Pre-use with packaging:

Dimensions: 24.2 cm x 10.2 cm

Weight: 22.99 g

Shelf-life: 18 months

Post sample collection specifications

Tube diameter: 15.25 mm

Tube height (with caps): 118.9 mm

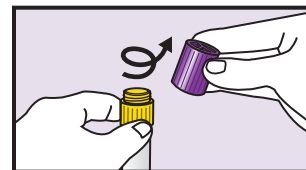
Tube height (without caps): 92.5 mm

Cap diameter: 18 mm

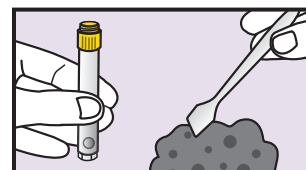
Storage conditions: 15°C–25°C

Sample stability: 60 days

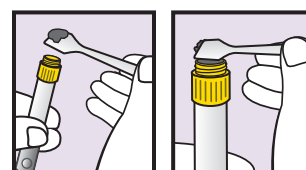
Easy collection



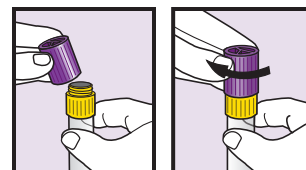
Unscrew **ONLY** the purple cap from the collection device and set it aside for later use.



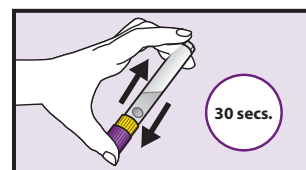
Use the spatula to collect a small amount of fecal sample.



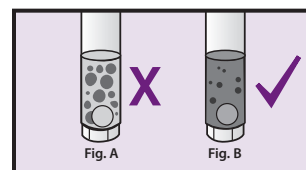
Transfer the fecal sample into the yellow tube top. Scrape horizontally across the tube top to level the sample and remove any excess.



Screw the purple cap back onto the yellow tube top until tightly closed.



Shake the sealed tube for a minimum of 30 seconds.



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

OM-200 kit contents



Instructions



Packaging

Collector Spatula

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

*OMNigene is a registered trademark of DNA Genotek Inc. All other brands and names contained herein are the property of their respective owners.

Patent (www.dnagenotek.com/legal/notices)