



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

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

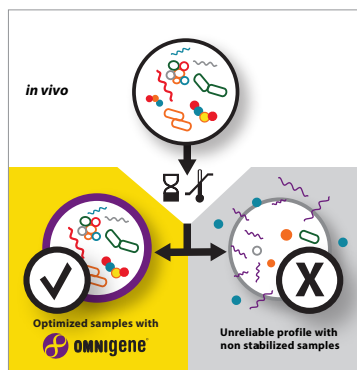
Diana Taft, Researcher at Cincinnati Children's Hospital Medical Center

**Standardized
sample input for
quantitative
analysis**

**Sample ready for transport,
storage and processing**

Collection device catalog #: OMR-200

For more information contact
info@dnagenotek.com



Ensure high quality samples and an accurate representation 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

- 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 (OMR-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	✓
Complementary liquefaction reagent available (OM-LQR)	✓
Number of extractions per kit (250 µL per extraction)	8
DNA yield per extraction (median)	12 ± 1.49 µg (12.56 µg)
High molecular weight DNA	✓
Microbiome profile stability at room temperature	60 days
Suitable for NGS profiling	✓

OMR-200 kit contents



Packaging and instructions

OMNigene®-GUT is for research use only, not for use in diagnostic procedures.

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

Diversigen® is a subsidiary of OraSure Technologies, Inc.

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/legalnotices)

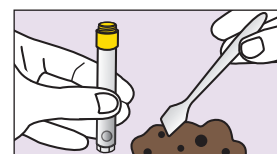


Collector Spatula

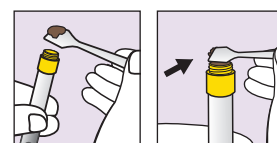
Easy collection



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



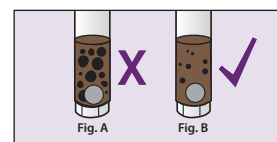
Use the spatula to collect a small amount of fecal sample.



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.

Microbiome profiling



Accelerating microbiome discovery through advanced sequencing, expert analysis and predictive modeling.

For more information:
info@dnagenotek.com