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*
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

<table>
<thead>
<tr>
<th>Attribute</th>
<th>OMNIgene•GUT (OM-200)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample homogenization</td>
<td>✓</td>
</tr>
<tr>
<td>Sample collected per kit (median)</td>
<td>520 ± 101 mg</td>
</tr>
<tr>
<td>Shipping at ambient temperature</td>
<td>✓</td>
</tr>
<tr>
<td>Compatible with guanidinium based extraction kits</td>
<td>✓</td>
</tr>
<tr>
<td>Standardized format for high-throughput processing</td>
<td>✓</td>
</tr>
<tr>
<td>Complementary liquefaction reagent available (OM-LQR)</td>
<td>✓</td>
</tr>
<tr>
<td>Number of extractions per kit (250 µL per extraction)</td>
<td>8</td>
</tr>
<tr>
<td>DNA yield per extraction (median)</td>
<td>12 ± 1.49 µg (12.56 µg)</td>
</tr>
<tr>
<td>High molecular weight DNA</td>
<td>✓</td>
</tr>
<tr>
<td>Microbiome profile stability at room temperature</td>
<td>60 days</td>
</tr>
<tr>
<td>Suitable for NGS downstream application</td>
<td>✓</td>
</tr>
</tbody>
</table>

Product Specifications

Pre-use with packaging:
Dimensions: 24.2 cm x 10.2 cm
Weight: 22.99 g
Shelf-life: 18 months

Collection device:
Height: 118.9 mm
Tube height: 92.5 mm
Tube diameter: 15.25 mm
Cap diameter: 18 mm
Net weight: 13.69 g
Storage conditions: 15°C–25°C

OM-200 kit contents

Packaging and instructions
Collector
Spatula

Accelerating microbiome discovery through advanced sequencing, expert analysis and predictive modeling.
For more information:
info@dnagenotek.com

Superior samples • Proven performance