


## Storage recommendations for samples collected using OMNigene<sup>®</sup> products from DNA Genotek<sup>®</sup> (U.S. version)

The preservation and storage of microbiome samples is an important consideration for any study design. The table below summarizes recommendations for short-term handling and long-term storage of unprocessed samples collected in the various OMNigene<sup>®</sup> products offered by DNA Genotek<sup>®</sup>.

	Room temperature storage (15°C to 25°C/59°F to 77°F)	Freezer storage (-20°C or -80°C/-4°F or -112°F)
<b>OMNigene•GUT</b> (OM-200, OMR-200)  	<p><b>Storage at room temperature:</b> Fecal samples collected in OMNigene•GUT (OM-200, OMR-200) can be stored at room temperature for up to <b>60 days</b>.</p> <p><b>IMPORTANT:</b> Storing at 4°C (39°F) is NOT recommended for fecal samples collected in OMNigene•GUT.</p>	<p><b>Storage at -20°C or -80°C:</b> Fecal samples collected in OMNigene•GUT (OM-200, OMR-200) can be stored in their original tube at -20°C and -80°C within 60 days of collection for up to 1 year. For longer storage, OMNigene•GUT samples should be vigorously mixed, aliquoted into cryovials and stored at -80°C.</p> <p><b>Freeze-thaw cycles:</b> OMNigene•GUT will preserve the microbial community structure and maintain DNA integrity for up to <b>6 freeze-thaw cycles</b>.</p>
<b>OMNigene•ORAL for DNA</b> (OM-501)  	<p><b>Storage at room temperature:</b> Saliva samples collected in OMNigene•ORAL (OM-501) can be stored at room temperature for up to <b>1 year</b>.</p> <p><b>IMPORTANT:</b> Storing at 4°C (39°F) is NOT recommended for saliva samples collected in OMNigene•ORAL.</p>	<p><b>Storage at -20°C or -80°C:</b> Saliva samples collected in OMNigene•ORAL (OM-501) should be incubated at 50°C (122°F) for 1 hour in a water bath or 2 hours in a dry incubator, mixed well by inversion, aliquoted into cryovials and stored at -20°C or -80°C within 1 year of collection.</p> <p><b>Freeze-thaw cycles:</b> OMNigene•ORAL will maintain DNA integrity for up to <b>3 freeze-thaw cycles</b>.</p>
<b>OMNigene•ORAL</b> (OMR-110, OMR-120)  <b>OMNigene•VAGINAL</b> (OMR-130)  	<p><b>Storage at room temperature:</b> Samples collected in OMNigene•ORAL (OMR-110, OMR-120) and OMNigene•VAGINAL (OMR-130) can be stored at room temperature for up to <b>30 days</b>.</p> <p><b>IMPORTANT:</b> Storing at 4°C (39°F) is NOT recommended for samples collected in OMNigene•ORAL or OMNigene•VAGINAL.</p>	<p><b>Storage at -20°C or -80°C:</b> Samples collected in OMNigene•ORAL (OMR-110, OMR-120) and OMNigene•VAGINAL (OMR-130) should be treated with Proteinase K and incubated,<sup>1</sup> aliquoted into cryovials and stored at -20°C or -80°C within 30 days of collection.</p> <p><b>IMPORTANT:</b> Ensure samples are vortexed and the swab has been pressed against the collection tube's inner wall to remove excess liquid prior to aliquoting or if transferring into cryovials.</p> <p><b>Freeze-thaw cycles:</b> OMNigene•ORAL and OMNigene•VAGINAL will preserve the microbial community structure and maintain DNA and RNA integrity for up to <b>3 freeze-thaw cycles</b>.</p>

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	Room temperature storage (15°C to 25°C/59°F to 77°F)	Freezer storage (-20°C or -80°C/-4°F or -112°F)
<p><b>OMNigene-SKIN (OMR-140)</b></p> 	<p><b>Storage at room temperature:</b> Samples collected in OMNigene-SKIN (OMR-140) can be stored at room temperature for up to <b>30 days</b>.</p> <p><b>IMPORTANT:</b> Storing at 4°C (39°F) is NOT recommended for samples collected in OMNigene-SKIN.</p>	<p><b>Storage at -20°C or -80°C:</b> Samples collected in OMNigene-SKIN (OMR-140) should be treated with Proteinase K and incubated,<sup>1</sup> aliquoted into cryovials and stored at -20°C or -80°C within 30 days of collection.</p> <p><b>IMPORTANT:</b> Ensure samples are vortexed and the swab has been pressed against the collection tube's inner wall to remove excess liquid prior to aliquoting or if transferring into cryovials.</p>
		<p><b>Freeze-thaw cycles:</b> OMNigene-SKIN kits will preserve the microbial community structure and maintain DNA integrity for up to <b>3 freeze-thaw cycles</b>.</p>

<sup>1</sup>Add 400 µg of Proteinase K to the 1 mL sample collection tube and vortex. Incubate at 50°C for 1 hour in a water bath or 2 hours in a dry incubator. Ensure that the swab tip is immersed in the solution.

Recommended Proteinase K:

- Epicentre® PK (Cat. No. MPRK092) - Add 8 µL of 50 mg/mL stock.
- QIAGEN® Proteinase K (Cat. No. 19131 or 19133) - Add 20 µL of 20 mg/mL stock.
- Roche Proteinase K (Cat. No. 3115887001, 3115828001 or 3115844001) – Add 22 µL of 18 mg/mL stock.

**Technical support is available Monday to Friday (9h00 to 17h00 ET):**

Toll-free (North America): 1.866.813.6354, option 6

All other countries: +1.613.723.5757, option 6

Email: [support@dnagenotek.com](mailto:support@dnagenotek.com)

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