






Storage recommendations for samples collected using OMNigene[®] products from DNA Genotek[™]

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[®] products offered by DNA Genotek[™].

	Room temperature storage (20°C to 26°C/68°F to 79°F)	Freezer storage (-20°C or -80°C/-4°F or -112°F)
OMNigene-GUT (OM-200, OMR-200) 	<p>Storage at room temperature: Fecal samples collected in OMNigene-GUT (OM-200, OMR-200) can be stored at room temperature for up to 60 days.</p> <p>IMPORTANT: Storing at 4°C (39°F) is NOT recommended for fecal samples collected in OMNigene-GUT.</p>	<p>Storage at -20°C or -80°C: 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>Freeze-thaw cycles: OMNigene-GUT will preserve the microbial community structure and maintain DNA integrity for up to 6 freeze-thaw cycles.</p>
OMNigene-ORAL for DNA (OM-501) 	<p>Storage at room temperature: Saliva samples collected in OMNigene-ORAL (OM-501) can be stored at room temperature for up to 1 year.</p> <p>IMPORTANT: Storing at 4°C (39°F) is NOT recommended for saliva samples collected in OMNigene-ORAL.</p>	<p>Storage at -20°C or -80°C: 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>Freeze-thaw cycles: OMNigene-ORAL will maintain DNA integrity for up to 3 freeze-thaw cycles.</p>
OMNigene-ORAL for DNA & RNA (OM-505, OME-505) 	<p>Storage at room temperature: Saliva samples collected in OMNigene-ORAL (OM-505, OME-505) can be stored at room temperature for up to 21 days.</p> <p>IMPORTANT: Storing at 4°C (39°F) is NOT recommended for saliva samples collected in OMNigene-ORAL.</p>	<p>Storage at -20°C or -80°C: Saliva samples collected in OMNigene-ORAL (OM-505, OME-505) 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 21 days of collection.</p> <p>Freeze-thaw cycles: OMNigene-ORAL will maintain DNA and RNA integrity for up to 3 freeze-thaw cycles.</p>

Continued on next page

	Room temperature storage (20°C to 26°C/68°F to 79°F)	Freezer storage (-20°C or -80°C/-4°F or -112°F)
<p>OMNigene-ORAL (OMR-110, OMR-120)</p> <p>OMNigene-VAGINAL (OMR-130)</p> 	<p>Storage at room temperature: Samples collected in OMNigene-ORAL (OMR-110, OMR-120) and OMNigene-VAGINAL (OMR-130) can be stored at room temperature for up to 30 days.</p> <p>IMPORTANT: Storing at 4°C (39°F) is NOT recommended for samples collected in OMNigene-ORAL or OMNigene-VAGINAL.</p>	<p>Storage at -20°C or -80°C: Samples collected in OMNigene-ORAL (OMR-110, OMR-120) and OMNigene-VAGINAL (OMR-130) should be treated with Proteinase K and incubated,¹ aliquoted into cryovials and stored at -20°C or -80°C within 30 days of collection.</p> <p>IMPORTANT: 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>Freeze-thaw cycles: OMNigene-ORAL and OMNigene-VAGINAL will preserve the microbial community structure and maintain DNA and RNA integrity for up to 3 freeze-thaw cycles.</p>
<p>OMNigene-SKIN (OMR-140)</p> 	<p>Storage at room temperature: Samples collected in OMNigene-SKIN (OMR-140) can be stored at room temperature for up to 30 days.</p> <p>IMPORTANT: Storing at 4°C (39°F) is NOT recommended for samples collected in OMNigene-SKIN.</p>	<p>Storage at -20°C or -80°C: Samples collected in OMNigene-SKIN (OMR-140) should be treated with Proteinase K and incubated,¹ aliquoted into cryovials and stored at -20°C or -80°C within 30 days of collection.</p> <p>IMPORTANT: 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>Freeze-thaw cycles: OMNigene-SKIN kits will preserve the microbial community structure and maintain DNA integrity for up to 3 freeze-thaw cycles.</p>

¹Add 5 µL of Proteinase K (80 mg/mL) to the 1 mL sample collection tube and vortex. Incubate for 1 hour at 50°C in a water bath or 2 hours in a dry incubator.
Recommended Proteinase K: Epicentre PK (Cat. no. MPRK092) or QIAGEN® Protease (Cat. no. 19155)

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@dnagenetek.com

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

*OMNigene is a registered trademark and DNA Genetek is a trademark of DNA Genetek Inc. All other brands and names contained herein are the property of their respective owners. All DNA Genetek protocols, white papers and application notes are available in the support section of our website at www.dnagenetek.com.