

Storage recommendations for saliva samples collected using Oragene™ and ORAcollect™ devices from DNA Genotek™

The preservation and storage of genomic samples is an important consideration for any study design. See the recommendations for short-term and long-term storage of unprocessed saliva samples collected in Oragene™ and ORAcollect™ devices (Table 1).

All devices were validated to withstand ambient temperature sample shipment conditions, ranging from -20°C to + 50°C, and a minimum of 3 freeze-thaw cycles during sample transportation or storage.

IMPORTANT: Storing Oragene™ or ORAcollect™ device-collected saliva samples at 4°C (39°F) is NOT recommended. Samples should be incubated at 50°C in a water incubator for a minimum of 1 hour or in an air incubator for a minimum of 2 hours. Samples may be incubated at 50°C overnight if it is more convenient.

Table 1. Recommendations for short-term and long-term storage.

	Room temperature storage (15°C-30°C/59°F-86°F)	Freezer storage (-20°C/-4°F or -80°C/-112°F)
<p>Oragene™•Dx (OGD-600, OGD-610, OGD-675, OGD-500, OGD-510, OGD-575)</p> 	<p>For U.S. distribution only, see the Oragene™•Dx product handbook (PD-HB-1).</p> <hr/> <p>For regions outside of U.S. distribution, see the Oragene™•Dx product data sheets:</p> <ul style="list-style-type: none"> • OGD-6XX (PD-BR-398) • OGD-500 (PD-BR-42) • OGD-510 (PD-BR-41) • OGD-575 (PD-BR-43) 	<p>For U.S. distribution only, saliva samples collected in Oragene™•Dx devices are not validated for long-term freezer storage. For sample storage beyond 1 year at room temperature, gDNA should be extracted and stored via standard operating procedures.</p> <hr/> <p>For regions outside of U.S. distribution, saliva samples collected in Oragene™•Dx devices can be stored in their original tube at -20°C (-4°F) for up to 1 year. For longer storage, Oragene™•Dx device-collected samples should be incubated, vigorously mixed, aliquoted into cryovials and stored at -80°C (-112°F).</p>
<p>Oragene™•DISCOVER (OGR-600, OGR-675, OGR-500, OGR-575)</p> 	<p>Saliva samples collected in Oragene™•DISCOVER devices can be stored at room temperature for up to 5 years.</p>	<p>Saliva samples collected in Oragene™•DISCOVER devices can be stored in their original tube at -20°C (-4°F) for up to 1 year. For longer storage, Oragene™•DISCOVER device-collected samples should be incubated, vigorously mixed, aliquoted into cryovials and stored at -80°C (-112°F).</p>
<p>ORAcollect™•DNA (OCR-100)</p> 	<p>Saliva samples collected in ORAcollect™•DNA devices can be stored at room temperature for up to 60 days.</p>	<p>Saliva samples collected in ORAcollect™•DNA devices 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 (-4°F) or -80°C (-112°F).</p>

	Room temperature storage (15°C-30°C/59°F-86°F)	Freezer storage (-20°C/-4°F or -80°C/-112°F)
<p>ORAc collect™•Dx (OCD-100, OCD-100A)</p> 	<p>Saliva samples collected in ORAc collect™•Dx devices can be stored at room temperature for up to 60 days. See the ORAc collect™•Dx product handbook (PD-HB-10).</p>	<p>For U.S. distribution only, saliva samples collected in ORAc collect™•Dx devices are not validated for long-term freezer storage. For sample storage beyond 60 days at room temperature, gDNA should be extracted and stored via the lab's standard operating procedures.</p> <hr/> <p>For regions outside of U.S. distribution, saliva samples collected in ORAc collect™•Dx devices 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 (-4°F) or -80°C (-112°F).</p>
<p>ORAc collect™ for pediatrics (OC-175)</p> 	<p>Saliva samples collected in ORAc collect™ for pediatrics devices can be stored at room temperature for up to 1 year.</p>	<p>Saliva samples collected in ORAc collect™ for pediatrics devices 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 (-4°F) or -80°C (-112°F).</p>
<p>ORAc collect™•RNA (ORE-100, OR-100)</p> 	<p>Saliva samples collected in ORAc collect™•RNA devices can be stored at room temperature for up to 60 days.</p>	<p>Saliva samples collected in ORAc collect™•RNA devices 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 (-4°F) or -80°C (-112°F).</p>



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

- Toll-free (North America): 1.866.813.6354, option 6
- All other countries: 613.723.5757, option 6
- Email: support@dnagenotek.com

Some DNA Genotek Inc. products may not be available in all geographic regions.
Product images are for representational purposes only.
ORagene and ORAc collect are trademarks of DNA Genotek Inc., registered in various jurisdictions. All other brands and names contained herein are the property of their respective owners.
All DNA Genotek Inc. protocols, white papers and application notes are available in the support section of our website at www.dnagenotek.com.
Patent (www.dnagenotek.com/legal-notice)