Don’t just store your DNA samples, protect them

GenTegra® DNA protects DNA from hydrolysis and oxidation, stabilizing it for long-term ambient temperature storage, while freezing merely slows these processes.

GenTegra DNA is like insurance for storing and shipping your samples, because it stabilizes them for a wide temperature range. Dry ice and cold packs cannot protect your samples during delivery delays, and even a few extra days can cause sample loss. When shipped using GenTegra DNA, your sample is completely protected even after days or weeks of delay. You might even save money on shipping costs and rush charges.

Recovering your sample after storage or shipment is easy. Simply add water to recover 100% of your sample, and it is ready for any downstream application.

Start protecting your samples the better way, using GenTegra DNA.

Quality Retention

Amplification of mitochondrial DNA in qPCR shows that the 4.5 year old DNA is intact to at least 2.5kb. Ct was normal (19–23 cycles) for all 4.5 year old samples.

Downstream applications supported:

- Transfections
- Quantitative PCR
- Gene expression
- RRN profiling
- Next-generation sequencing
- Genotyping
- HLA typing
- Forensics

Stabilize in GenTegra DNA and dry

Store or transport at ambient temperature

Recover by adding water and use in downstream applications

<table>
<thead>
<tr>
<th>Product Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Format</td>
<td>0.5 mL screw cap tube</td>
</tr>
<tr>
<td></td>
<td>0.3 mL cluster tube</td>
</tr>
<tr>
<td></td>
<td>1.7 mL microtube snap cap</td>
</tr>
<tr>
<td></td>
<td>96-well microtiter plate*</td>
</tr>
<tr>
<td>Total DNA application amount</td>
<td>≤20 µg</td>
</tr>
<tr>
<td>Sample Application Volume</td>
<td>1-250 µl (special handling required for volumes less than 20 µl)</td>
</tr>
<tr>
<td>Recovery volume</td>
<td>Equals application volume (20 – 250 µL of molecular biology water)</td>
</tr>
<tr>
<td>Stability for transport</td>
<td>Tolerance for extreme temperatures and extreme temperature shifts (-80 °C to 76 °C)</td>
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<tr>
<td></td>
<td>Exceeds Military specifications (-60 °C to 71°C)</td>
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<tr>
<td></td>
<td>Exceeds Federal Express® specifications (-51 °C to 60 °C)</td>
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<tr>
<td>Shelf life</td>
<td>3 years (prior to use)</td>
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<tr>
<td>Drying</td>
<td>FastDryer®: Overnight</td>
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<tr>
<td></td>
<td>SpeedVac®: 2 – 4 hours, depending on volume/type of SpeedVac</td>
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<tr>
<td></td>
<td>Under Biosafety Hood: 14 hours</td>
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<tr>
<td>Recover</td>
<td>&gt;99%</td>
</tr>
</tbody>
</table>

*barcode optional