Collect superior samples for your genetic analysis

Are you looking for a non-invasive way to collect DNA from patients that cannot or choose not to comply with blood collections? DNA Genotek has developed a product for collecting high quantity and high quality DNA from saliva using absorbent sponges. This method is an all-in-one system for the collection, stabilization and transportation of DNA from saliva.

- Easy collection, transportation and processing
- Painless, non-invasive collection of high quality, high quantity DNA
- DNA is stable for years at room temperature
- Proven on downstream applications
- Standardized format for automated processing

Oragene®•DNA is superior to buccal swabs

- Higher DNA yield and quality
- More reliable for downstream applications, including complex arrays
- Lower bacterial content
- Sample is stabilized for long-term storage at room temperature
Benefits

- Non-invasive, reliable collection that increases compliance and decreases costs
- Eliminate phlebotomy costs and requirement for a clinic/hospital setting
- DNA from saliva is equivalent to DNA from blood for downstream applications
- Ideal for use with children or donors that are not able to spit
- Sample remains stable for years at room temperature, reducing transportation and storage costs
- Sample can be mailed using the standard postal system
- Increase efficiency, minimize sample handling and reduce handling errors with a compatible format for high-throughput processing

Collection method comparison

<table>
<thead>
<tr>
<th>Attributes</th>
<th>Blood collection</th>
<th>Oral collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-invasive collection</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td>Specimen stability at room temperature</td>
<td>Days</td>
<td>Years</td>
</tr>
<tr>
<td>Low bacterial content</td>
<td>✗ (up to 60% bacterial content)</td>
<td>✗ (up to 90% bacterial content)</td>
</tr>
<tr>
<td>Median DNA yield</td>
<td>30 µg</td>
<td>2 µg</td>
</tr>
<tr>
<td>Sample size</td>
<td>1 mL</td>
<td>0.75 mL</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>&gt;23 kb</td>
<td>&lt;23 kb</td>
</tr>
<tr>
<td>Ideal for non-compliant donors</td>
<td>✗</td>
<td>✓</td>
</tr>
</tbody>
</table>

Product specifications

Pre-use with packaging:
- Dimensions: 14.0 x 8.0 x 2.8 cm
- Sample volume: 0.75 mL using enclosed sponges
- Weight: 39 g
- Shelf-life: 30 months

Post sample collection specifications

Standard false bottom tube:
- Tube diameter: 16 mm
- Tube height (without cap): 93 mm
- Sample stability: Years

Easy collection

Place and move sponge in cheek pouch along the gums and inner cheeks to soak up as much saliva as possible.

Insert saturated sponge in V-notch of funnel and wring saliva out against the inner wall of the V-notch. Saliva will flow into tube.

Repeat collection steps until the saliva reaches fill line.

Close lid tightly by firmly pushing down until you hear a loud click. Unscrew the funnel from the tube.

Close tube tightly with small cap. Shake for 5 seconds.


**Volume of mouthwash used for sample collection.

For In Vitro Diagnostic Use

Superior samples • Proven performance

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