

DNAgard Saliva

PRESERVE DNA FROM SALIVA INSTANTLY.

Collect, Preserve and Ship DNA in Saliva Samples at Ambient Temperatures

DNAgard® Saliva allows for the efficient collection, preservation and shipping of saliva samples for DNA isolation and analysis. The product is designed for ease of use, with a simple process from collection to storage.

1. Spit into collection device
2. Add the stabilizer to the collection device
3. Remove the collection funnel from the device
4. Screw on the cap
5. Mix gently by inverting the tube 5 - 7 times.

DNA in saliva samples are preserved for up to 2 years at room temperature, with high quality DNA recovery. The stabilizing preservative has been formulated to offer flexible DNA recovery from a wide range of DNA extraction kits.

Features & Benefits:

- **Sample Integrity:** Maintains saliva DNA at ambient temperatures
- **Ease of Use:** Simple saliva collection procedure
- **Efficiency:** Room Temperature collection, handling and shipping
- **Flexibility:** Compatible with most DNA extraction kits.

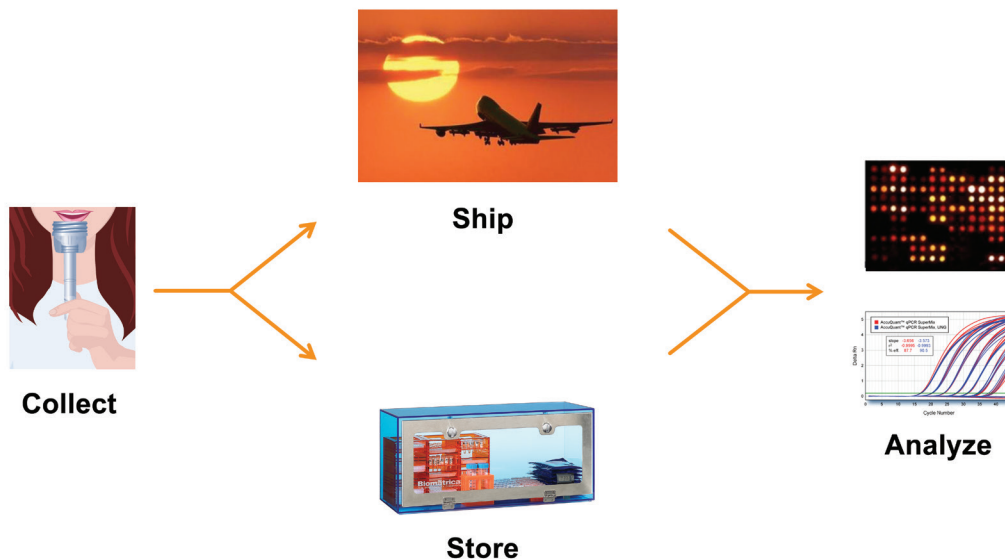
Reliable and cost-effective saliva collection

Works with a variety of purification systems

Compatible with most downstream applications



Technology Overview



DNA integrity after 2 years at room temperature

The DNAgard Saliva stabilizing reagent rapidly stabilizes and protects DNA for at least 2 years at room temperature (Figure 1).

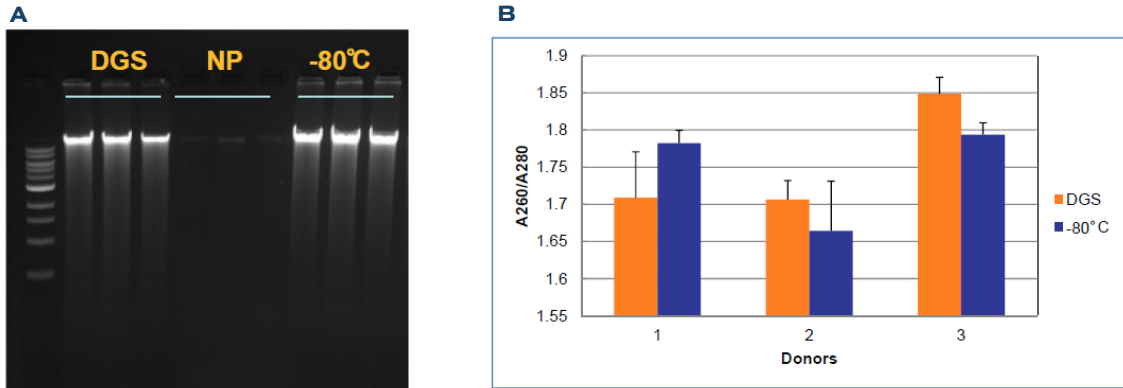


Figure 1. Comparison of DNA stored in DNAgard Saliva (DGS) at room temperature versus non-protected DNA (NP) and DNA stored at -80°C.

A) Two hundred microliters of saliva from one donor was mixed with 150 μ L of DNAgard Saliva. The mixture was stored at room temperature for 2 years. Also, 200 μ L aliquots of saliva from the same donor were stored non-protected (NP) at room temperature and at -80°C for the same time period as negative and positive controls. DNA was isolated using QIAamp[®] DNA Blood Mini Kit and eluted with 100 μ L of elution buffer. Samples were analyzed by electrophoresis on a 0.8% agarose gel. **B)** DNA from the saliva of 3 donors preserved in DNAgard Saliva (DGS) and at -80°C was analysed by UV spectroscopy (A260/280). DNA from the saliva samples stored in DNAgard Saliva had equivalent or greater purity than the DNA from saliva samples of the same donors stored at -80°C.

DNA yield after 2 years at room temperature

PicoGreen assay quantitation of DNA preserved for 2 years in DNAgard[®] Saliva

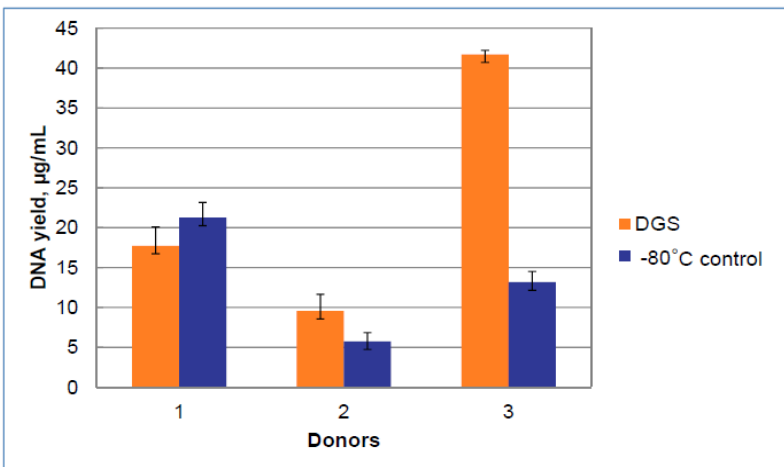


Figure 2. DNA yield analyzed by PicoGreen Assay

Saliva DNA preserved in DNAgard Saliva (DGS) for 2 years at room temperature shows equivalent or greater yield than that of saliva DNA stored at -80°C for the same time period as measured by PicoGreen assay.

DNA quality ideal for downstream applications

Superior DNA yield vs. -80°C storage

Compatible with all purification systems tested

Ordering information:

Call: 866-379-6879

Email: info@biomatrica.com

Web: www.biomatrica.com

Product	Cat. No.	Contents
DNAgard Saliva	97021-011	DNAgard Saliva (48 Kits)

