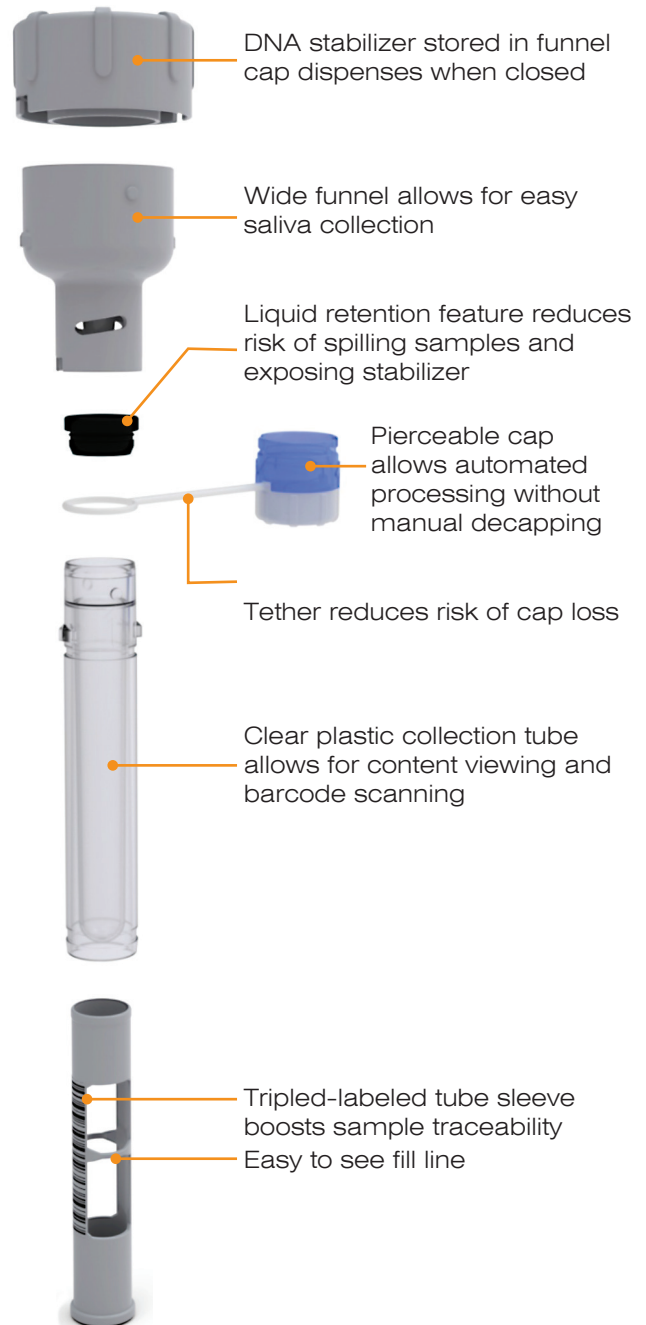


Saliva DNA Collection Device

for High Throughput Automated Processing

DNAgard[®] Saliva HT is a saliva DNA collection device that is specifically optimized for high-throughput sample processing.

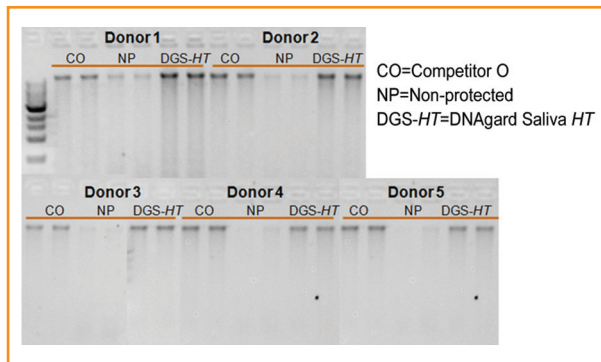
- Eliminates time-consuming uncapping step and aerosol contamination saving hours of manual labor.
- CDC-compliant, LIMS-compatible, 2D barcode, laser-etched, and readable label supports accurate sample tracking.
- Human-factored designed tube prevents spills, leaks, and cap loss, reducing the risk of failed collection.



For Research Use Only. Not for use in diagnostic procedures.

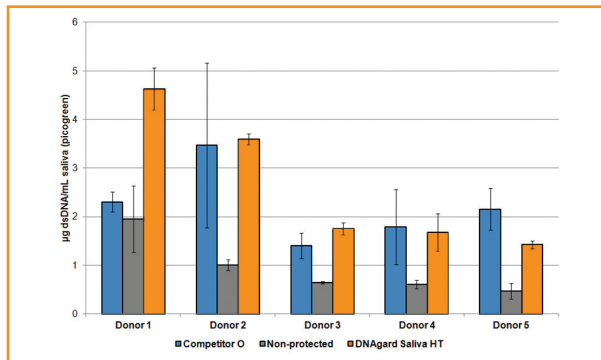
DNAgard® Saliva HT Preserves Saliva DNA Integrity and Delivers High PCR Yield After Long-Term Storage

Saliva samples from five (5) donors collected individually into conical tubes were aliquoted into tubes containing DNAgard® Saliva HT solution (DGS HT), Competitor O's solution (CO), or in a conical tube with non-protective control solution (NP). All samples were stored at 45°C for five (5) weeks and moved to 60°C for an additional nine (9) days, equivalent to at least 10 months at 22°C calculated using the Arrhenius equation.



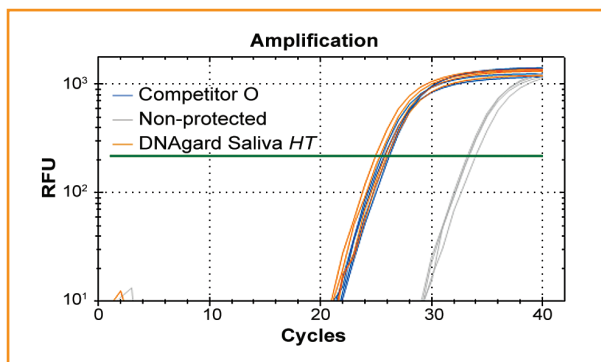
Preserved DNA integrity after 10 months at room temperature

Figure 1: Agarose gel of DNA purified from saliva of five donors stored using Competitor O, DNAgard® Saliva HT, or non-protected saliva samples. DNA was visualized on a 1% agarose gel stained with ethidium bromide.



High DNA yield after 10 months at room temperature

Figure 2: dsDNA yield of DNA isolated from saliva stored using Competitor O, DNAgard® Saliva HT, or non-protected saliva samples. DNA concentration was measured using Quant-iT™ PicoGreen® dsDNA Assay.



Detection of targets in PCR assays

Figure 3: qPCR of human DNA stored using Competitor O, DNAgard® Saliva HT, or non-protected saliva samples. Samples were amplified in duplicate using iQ™ SYBR® Green Supermix (Bio-Rad), on a CFX96 Real-Time PCR Instrument (Bio-Rad) using primers specific to the human RNase P gene.



Product	Catalog No.
DNAgard® Saliva HT	Visit www.biomatrica.com

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