

NEW from Isohelix

GeneFiX™ Saliva Microbiome DNA Collector

Microbial studies have indicated that the balance of flora in many human systems, including saliva, plaques, skin and gut, are a key indicator of health.

Traditional methods of collection and storage of microbiome samples often include freezing, that always presents well known logistical challenges in cold chain transport and storage or can often complicate technical viability in the collection process.

Isohelix has addressed these issues with the new GeneFiX™ Saliva Microbiome DNA Collection device.

The devices are perfect for remote or at-home testing, with anti-spill funnel, non-hazardous buffer and simple operation. The robust sample tubes are fully transport tested to 95KPa to allow mailing and storage.

Microbial DNA is perfectly preserved at room temperature in the pre-filled buffer for at least 1 year. The stabilization is instant, and the buffer prevents bacterial growth, so the sample accurately reflects the oral microbiome at the moment of sampling. The devices and buffer are free from any trace human or bacterial DNA, so researchers can be confident in the accuracy of their results.

The sample tube is compatible with many high throughput sample processing systems and includes a unique 1D bar and human readable code to enable accurate sample tracking.

Microbiome DNA Isolation

For the optimum microbiotic DNA, the Saliva Microbiome DNA collector should be used with the Saliva-Prep2 DNA isolation kit. The Saliva-Prep 2 kit is efficient, easy and quick, yet produces extremely high yields of microbial DNA at levels more than twice the yield of other commonly available kits*

The DNA isolated using Saliva-Prep2 is intact and readily amplifiable, with high purity, suitable for all downstream analyses.

Saliva-Prep2 allows for repetitive analyses, by processing variable volumes, allowing for partial samples to be processed, preserving the remainder for future testing.

*link to application note

Product References

MFx-01/02, MFx-01/12, MFx-01/50

GeneFiX™ Saliva Microbiome DNA Collector for 2, 12 or 50 samples

GSPN-2, GSPN-12, GSPN-50

SalivaPrep-2 DNA Isolation kit for 4, 24 or 100 x 1ml samples

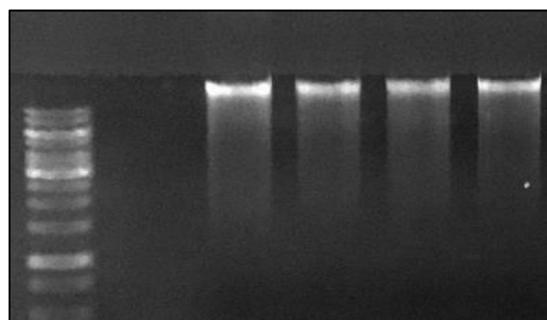


Saliva Microbiome Collection Device

- ✓ **Ambient Storage** – no expensive storage or transport
- ✓ **Instant Stabilization** – provides a snapshot of the saliva microbiome
- ✓ **No trace DNA contamination** – Reliable results
- ✓ **Non Toxic** -- easy to use
- ✓ **Compatible to most downstream chemistries**

Saliva-Prep2 DNA Isolation Kit

- ✓ **Optimized to maximize DNA microbiome results**
- ✓ **High yields and quality** – for downstream analysis
- ✓ **Complete Kit** – easy to use no additional reagents
- ✓ **Variable Volume** – sample flexibility



Agarose Gel analyzed by electrophoresis

Bacterial DNA isolated from GeneFiX Saliva Microbiome DNA collector using Saliva-Prep-2 shows quality DNA with no degradation