

Saliva DNA Collection and Isolation

The GeneFix™ range of DNA products have been designed to simply maximise the yields and purity of DNA collected and stabilised from Saliva. Isohelix has over the years built a leading reputation for designing and manufacturing DNA sampling and purification products, built around their unique High Yielding DNA Buccal Swabs together with their associated kits to stabilise and isolate your DNA. The new GeneFix™ products use many shared chemistries and knowledge designs from our existing swab DNA isolation kits, and where technically appropriate these have been re-configured or method developed to optimise their use solely on saliva stabilised either from the GeneFix™ collectors or other saliva collection devices. The resulting DNA collected through GeneFix™, as with the Isohelix Buccal DNA, can be used in the most demanding downstream processes.

DNA Saliva Collectors and Assisted Collectors

GeneFix™ is a new easy to use and economical DNA saliva collection device, designed specifically to store and stabilise long term DNA for 1 or 2 ml Saliva samples. The collection tube is pre-filled with a fully tested and chemically optimised stabilisation buffer. The simple screw-on funnel enables the saliva sample to be delivered directly and quickly into the buffer.

Clear, legible markings on the GeneFix™ collection tubes indicate the correct volume of Saliva to be delivered, prior to removing and sealing the tube, the unique funnel design prevents spillages and flow back even when accidentally knocked over. The collection tubes will withstand defined physical pressures that have been specified for leak proof sample transport and are designed for either manual or more automated application with printed bar codes and caps options being suitable for auto de-capping machines.

GeneFix™ Assisted DNA Saliva Collectors are especially useful where donors find it difficult to delivery saliva, such as children. The assisted kits contains the standard GeneFix components and 2 absorbent swabs to assist the saliva collection, the swab is simply squeezed against the inside of funnel to release the saliva into the 1ml of stabilized buffer. Expected DNA yields are on average around 25µg and would be purified with exactly the same format and results as the standard GeneFix™ collectors.

Product information

GFX devices in 2, 12 and 50 units for either 1ml or 2ml of saliva

Each GeneFix™ device includes a collection tube with stabilisation buffer, optional swabs, funnel and instructions

See back page for Ordering Information

Accessories

Choice of collection tubes for manual or automated applications

Pre-printed bar codes

Additional Proteinase K for the Lysis step

Lysis Step

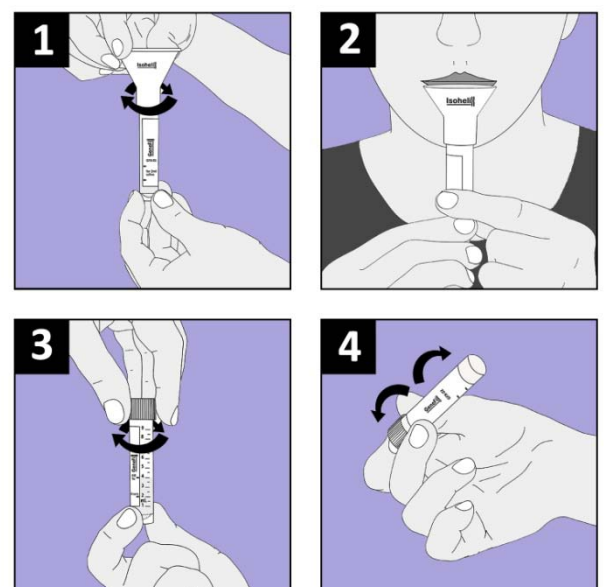
GeneFix™ samples integrate directly with DNA kits containing Proteinase K for Cell Lysis, or PK can be added manually for pre-treatment



Key Benefits

- ✓ Easy to Use with Pre-Filled Stabilisation buffer.
- ✓ Unique funnel design prevents buffer spillages.
- ✓ DNA Stabilised for 60 months+ at Room Temp*.
- ✓ DNA yields maintained for 60+ months*.
- ✓ Total DNA yields in excess of 100µg from 2ml saliva.
- ✓ Seamlessly integrates with 3 GeneFix™ Isolation kits.
- ✓ Saliva-Prep kit delivers ultra low RNA contamination.
- ✓ The devices are compatible with Manual and HT kits.
- ✓ Fully tested on most downstream applications.
- ✓ Specified 95kPa for leak proof mailing and return.
- ✓ Widely supported with Technical DNA data.

* In ongoing and continued rigorous testing.



GeneFix™ Saliva Collection Device is CE-IVD marked in European market

GeneFix™ Saliva Collectors CE

GeneFix™ Ordering Information

Cat No	Description
GeneFix™ DNA Saliva Collector	
GFX-01/02	2 x GFX Saliva Collectors to collect 1ml saliva samples: Funnel, Tube Pre-filled Stabilisation buffer, Cap and Instructions.
GFX-01/12	12 x GFX Saliva Collectors to collect 1ml saliva samples: Funnel, Tube Pre-filled with Stabilisation buffer, Cap and Instructions.
GFX-01/50	50 x GFX Saliva Collectors to collect 1ml saliva samples: Funnel, Tube Pre-filled with Stabilisation buffer, Cap and Instructions.
GFX-02/02	2 x GFX Saliva Collectors to collect 2ml saliva samples: Funnel, Tube Pre-filled with Stabilisation buffer, Cap and Instructions.
GFX-02/12	12 x GFX Saliva Collectors to collect 2ml saliva samples: Funnel, Tube Pre-filled with Stabilisation buffer, Cap and Instructions.
GFX-02/50	50 x GFX Saliva Collectors to collect 2ml saliva samples: Funnel, Tube Pre-filled with Stabilisation buffer, Cap and Instructions.
GFXA-01/02	2 x GFXA Assisted Saliva Collectors: Funnel, Tube Pre-filled with Stabilisation buffer, Cap, 2 swabs and Instructions.
GFXA-01/12	12 x GFXA Assisted Saliva Collectors: Funnel, Tube Pre-filled with Stabilisation buffer, Cap, 2 swabs and Instructions.
GFXA-01/50	50 x GFXA Assisted Saliva Collectors: Funnel, Tube Pre-filled with Stabilisation buffer, Cap, 2 swabs and Instructions.
FDXA-01/48	48 x FDXA Assisted Saliva Collectors: Funnel, Tube Pre-filled with Stabilisation buffer, Cap, 2 swabs and Instructions.
FDX collectors	FDX Saliva Collectors with FluidX bar coded tubes, available in 2, 12 or 48 units – please enquire for further information.
GeneFix™ DNA Isolation Kits	
GSPN-02	Saliva-Prep ② Full DNA Isolation kit to process 2 x 2 ml or 4 x 1 ml of saliva
GSPN-12	Saliva-Prep ② Full DNA Isolation kit to process 12 x 2 ml or 24 x 1 ml of saliva
GSPN-50	Saliva-Prep ② Full DNA Isolation kit to process 50 x 2 ml or 100 x 1ml of saliva
SPRE-50	Saliva-Prep Xtra Re-Extraction kit to process 50 x 100µl or 12 x 400µl DNA samples
GSS-05	Column (small) based DNA Isolation kit processes 5 x 0.5ml+ of saliva
GSS-50	Column (small) based DNA Isolation kit processes 50 x 0.5ml+ of saliva
GMS-02	Column (Midi) based DNA Isolation kit processes 2 x 2 ml of saliva
GMS-12	Column (Midi) based DNA Isolation kit processes 12 x 2 ml of saliva
GMS-48	Column (Midi) based DNA Isolation kit processes 48 x 2 ml of saliva
GeneFix™ Accessories	
TP-50	50 Transport Packs with absorbent pads for shipping saliva samples
BC/3A/50	50 x 3 triplicate Pre-Printed barcodes 25mm x 10mm, printed on cryogenic labels
PK/11	11mg Lyophilised Proteinase K – fully tested with instructions
GFS-01/100	100 foam tipped swabs for assisted collection, wrapped and ethylene oxide treated
GeneFix™ DNA Saliva Collectors can also be combined with GSS and GMS kits	

Isohelix DNA Buccal Swabs with Stabilisation and Isolation Kits

Isohelix DNA Buccal Swabs maximise yields of the highest quality genomic DNA, by using an improved matrix design, without compromising its rapid DNA release properties. Each batch is ethylene oxide treated and routinely tested for human DNA contaminants.

The Isohelix DNA Stabilisation and Isolation kits are designed to enhance the sample's long term stability and DNA purity levels, being compatible with the most critical downstream processing applications.



Isohelix DNA Buccal Swabs various formats compatible to both Manual or HT downstream applications.

DNA Stabilisation Physical and chemicals kits producing up to 5+ years stability at room temperature.

DNA Purification Kits for Buccal Swabs with superior purities, in simple and easy to use formats.

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Nous contacter

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