



T-Swabs[®] are designed for high-yield DNA retrieval and are the most cost effective and convenient option in a wide range of applications.

DNA Isolation Improved

Obtaining adequate amounts of buccal cells for DNA isolation is a critical element in many biotechnology businesses and research initiatives. Until now, blood and blood derived samples were often the only option for applications where significant yields of DNA were required. Buccal swabs, while convenient and less invasive to clients, were not cost effective in many cases. Isohelix's T-Swab addresses these issues and for the first time offers a convenient alternative to blood samples. Its innovative design reduces the number of swabs needed in tests and the associated costs of reagents required to isolate DNA, saving time and money.

T-Swab Specifications

- High-yield DNA recovery (mean 19 ng/ μ l)
- Compatible with all nucleic acid isolation chemistries and technologies
- Fully automatable swab design
- Bar-coded for tracking
- Packaged with tubes and stoppers for ease of use
- CE marked
- Registered as a Class-I device with the MHRA



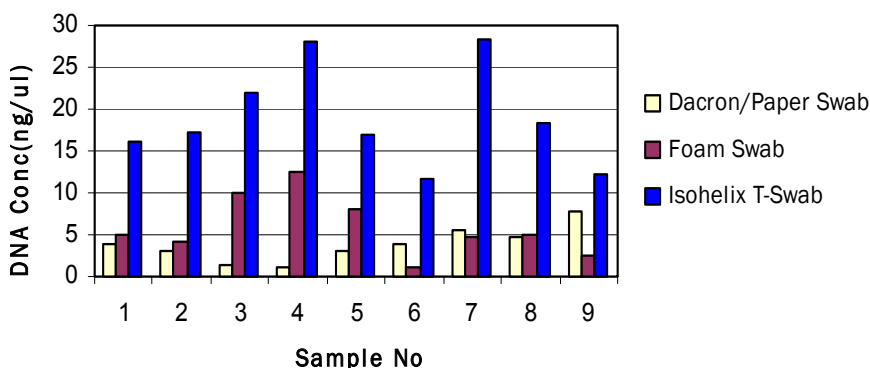


The T-Swab Difference

The T-Swab has a patented raised chevron design that dramatically enhances the collection of buccal cells and reduces the need for whole blood samples for many DNA analyses. Only one swab is required to provide the necessary DNA for most applications reducing both the number of swabs and the amount of reagents used to isolate DNA. T-Swabs are simpler to collect and transport than whole blood samples and have been designed to be fully automatable with modern analysis procedures.

In company tests using PicoGreen, the T-Swab averages 3.8µg of DNA per swab in a 200ml container. In terms of nano grams per micro litre of sample, the T-swab yielded an average of 19.8ng/µl as compared to its competitors which averaged between 4-6ng/µl .

Comparison of Genomic DNA Isolated (ng/ul)
by Swab Type in company tests



Lower costs — less invasive client procedure
Greater flexibility

Contact Us

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