

# Forensic Swab

in a transport tube with ventilation membrane



# Maximum purity for optimal safety

The Forensic Swabs from Sarstedt are suited for the collection of both reference samples and evidence of DNA traces at crime scenes. In addition to swab variants made of polystyrene, versions with a wooden stick are also available. The Forensic Swab L has an extended handle for the hygienic collection of reference samples.

The Forensic Swab XL with extended stem is ideal for the collection of evidence in sexual assault cases. The ventilation membrane in the tube base enables self-drying of the swab within the tube. Drying of the swab in the open, i.e. outside the tube, as in standard systems is unnecessary, thereby excluding the risk of mix-up and contamination.

Stringent purity conditions in the production process and a special EtO sterilisation method developed by Sarstedt to comply with the requirements of forensic analysis ensure the absence of DNA contamination.

- > DNA-free
- > EtO decontaminated
- > Self-drying within the tube
- > Identification code\* for correct matching
- > Individually wrapped, sterile, or with tamper-proof closure

\* Global article ID number + serial number (SGTIN)/GS1 Germany. The code is printed on the label both in plain script and in a GS1 DataMatrix format on the tube and swab for a correct match (Art. Nos. 80.630 and 80.634 only).

## Free of DNA

The Forensic Swab is produced under the most stringent hygienic purity conditions. The completely assembled swab is then individually wrapped and the final product subjected to a special EtO sterilization procedure developed for forensic applications. The freedom from DNA was validated using a test method that has a **detection limit of 0.5 pg DNA/ $\mu$ l extraction volume**. A 73 bp amplicon enables the detection of partially degraded DNA (target gene: human cytochrome oxidase). The gassing process verifiably eliminates DNA contamination of 2.5  $\mu$ g (corresponds to approx. 400,000 cell equivalents).

## Drying behaviour

The Forensic Swab is packaged in a transport tube with ventilation membrane. This ventilation membrane ensures a self-drying process in the tube and also protects the swab against contamination. A dry swab prevents bacteria and mildew growth, which make analysis impossible and destroy the sample.



## Note:

- The drying behaviour of the Forensic Swab depends on ambient environmental conditions as well as the volume and type of fluid, e.g. water or secretion.
- Always keep the ventilation membrane in the tube base clear of obstruction! Never leave the tube with the Forensic Swab standing on its base in an upright position or stored in a closed vessel.
- For transport, packaging must be of a quality strong enough to withstand the shocks and loads normally encountered during carriage.

## Ordering Information

Description	Tube length in mm	Stem material/length in mm	Swab material	Packaging	Art. No.
Forensic Swab	15/102	Polystyrene/93	Viscose	1 piece/blister 100 pieces/inner carton 800 pieces/outer carton	80.629
Forensic Swab	15/102	Wood/95	Cotton	1 piece/blister 100 pieces/inner carton 500 pieces/outer carton	80.629.001
Forensic Swab, pointed	15/102	Wood/95	Cotton		80.629.101
Forensic Swab L	12/105	Polystyrene/85	Viscose	1 piece/tamper-proof closure 50 pcs./inner box 500 pcs./outer box	80.630
Forensic Swab XL	12/150	Polystyrene/125	Viscose		80.634

If you have any questions,  
we'll be happy to help!

Visit our website:  
[www.sarstedt.com](http://www.sarstedt.com)

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