

Forensic Swab

in a transport tube with ventilation membrane

NEW!



Maximum purity for optimal safety in preanalytics

The new Forensic Swabs from Sarstedt are suited for the collection of both reference samples and evidence of DNA traces at crime scenes. Apart from Forensic Swabs with polystyrene stem, our range also includes a wooden stem option. 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 sterilized
- 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).

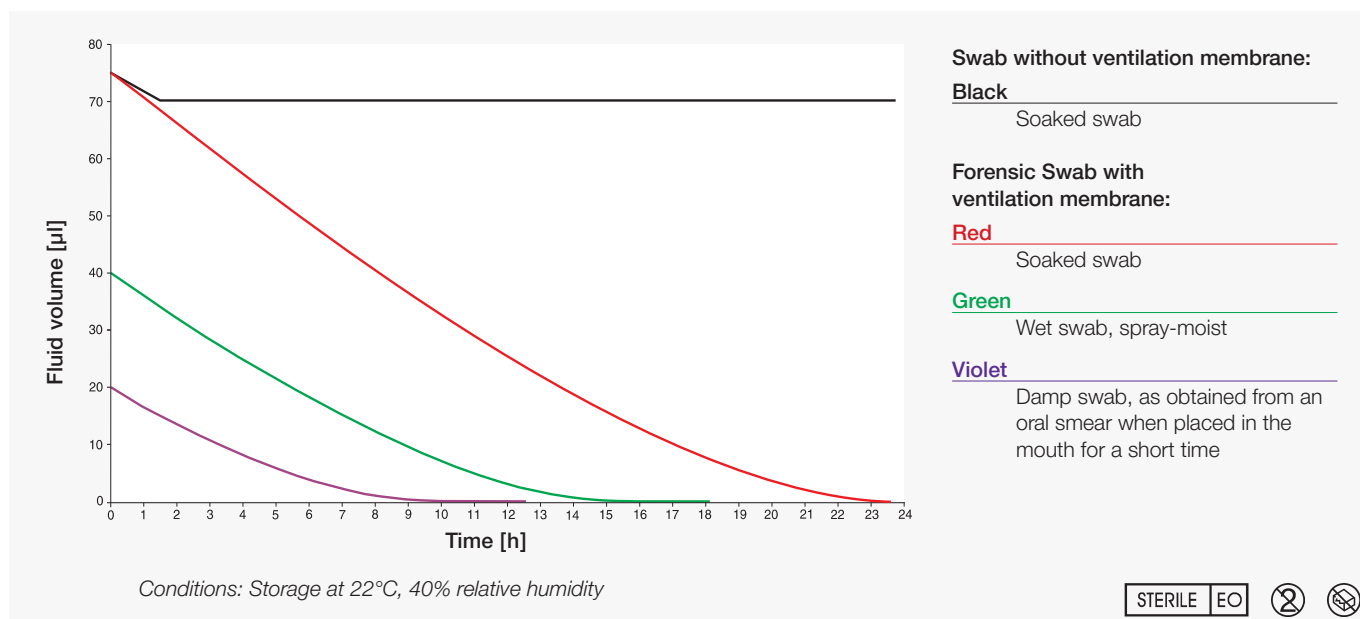
Free of DNA

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.

With a test procedure based on a **detection limit of 0.023ng DNA/ μ l extracted volume**, absence of DNA is now guaranteed. A 62bp amplicon also enables the detection of partly degraded DNA (target gene: human telomerase reverse transcriptase (5p15.33), single-copy gene).

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.



Swab without ventilation membrane:

Black

Soaked swab

Forensic Swab with ventilation membrane:

Red

Soaked swab

Green

Wet swab, spray-moist

Violet

Damp swab, as obtained from an oral smear when placed in the mouth for a short time

- 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

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

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