

abf Crime Scene Swabs for DNA Sample Collection

- A** self-drying
- B** pre-wetted & self-drying
- L** pre-wetted & integrated lysis buffer



## Intended Use



abf swabs have specifically been developed to collect DNA containing residues for forensic, hygienic or medical purposes. The new, innovative swab design reduces the risk of accidental contamination and the risk of breaking off the swab head during wiping, thus increasing the efficiency of the sample collection process.

All abf swabs are free of human DNA. They are assembled under stringent purity conditions and sterilized with Ethylene Oxide (EtO). DNA freedom is controlled with qPCR in accordance with our internal standard operating procedures.

## A-Swab

### self-drying swab with transport tube



Besides the new swab design the A-Swab is equipped with a proprietary ventilation fleece which guarantees superior drying speed for your biological sample. The swab comes in a transport tube which protects the sample against contamination and degradation.

## B-Swab

### pre-wetted swab with transport tube, self-drying



The B-Swab is not only equipped with the new design and the highly efficient ventilation fleece of the A-Swab but also pre-wetted with the optimal volume of a sample collection buffer. Therefore the inconvenient wetting step of the swab head directly at the crime scene is no longer required and contamination risk minimized.

## L-Swab

### pre-wetted swab with transport tube and integrated lysis buffer



The L-Swab is characterized by its pre-wetted swab and its integrated lysis buffer. As with the B-Swab onsite wetting of the swab head is avoided and biological samples can directly be wiped of all kinds of surfaces.

In addition, the drying step which is generally required to avoid sample degradation with wet swabs is skipped. After the DNA sample is collected the swab is inserted in the transport tube and an integrated lysis buffer is directly applied to the swab head by means of a proprietary activation mechanism. The lysis buffer is not only extracting the sample but also preserving the sample at room temperature for up to 4 weeks. Directly after laboratory entry biological samples can be screened by qPCR for DNA residues without further sample preparation steps.

## additional swabs under development

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