



## **DNA Sample Collection 2023**

**DNA-free Swabs**  
**Ejectable Swabs**  
**Adhesive stubs**  
**Ventilated Tubes**  
**Spin Baskets and Tubes**

**Sample Collection Kits for Reference Samples**  
**Sexual Assault Kits**  
**Crime Scene Investigation Kits**  
**DNA-free Accessory Kits**

**DNA-free Gloves**  
**DNA-free Evidence Boxes**  
**Sterile Water Ampoules**

**Decontamination Solutions**

**Blood ▪ Saliva ▪ Urine ▪ Sperms ▪ Hair ▪ Skin**



## Product Overview 2023

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## A-Swabs

- innovative new swab design
- higher user friendliness, improved stability, lower contamination risk
- for the collection of DNA trace samples at the scene of crime
- swabs with in-tube-drying technology (ventilation fleece)
- each swab with unique identification number and barcode
- 100 pcs. per box
- DNA-free, EtO-sterilized



Figure No.	Item No.	Description	Head Material	Handle	Length in cm	Packaging	Quantity per Unit
1	AS.011	AS-Swab, short length, self-drying	Cotton	Plastic	11.0	Singles	100
2	AM.211	AM-Swab, medium length, self-drying	Cotton	Wood	13.2	Singles	100
3	AM.311	AM-Swab, pointed head, self-drying	Cotton	Wood	13.2	Singles	100
4	AL.111	AL-Swab, long breakable stem, self-drying	Cotton	Plastic	17.0	Singles	100

## B-Swabs

- innovative new swab design
- higher user friendliness, improved stability, lower contamination risk
- for the collection of DNA trace samples at the scene of crime
- with in-tube-drying technology (ventilation fleece)
- B-Swab is pre-wetted with DNA-free water
- packaged individually
- 100 pcs. per box
- DNA-free, EtO-sterilized

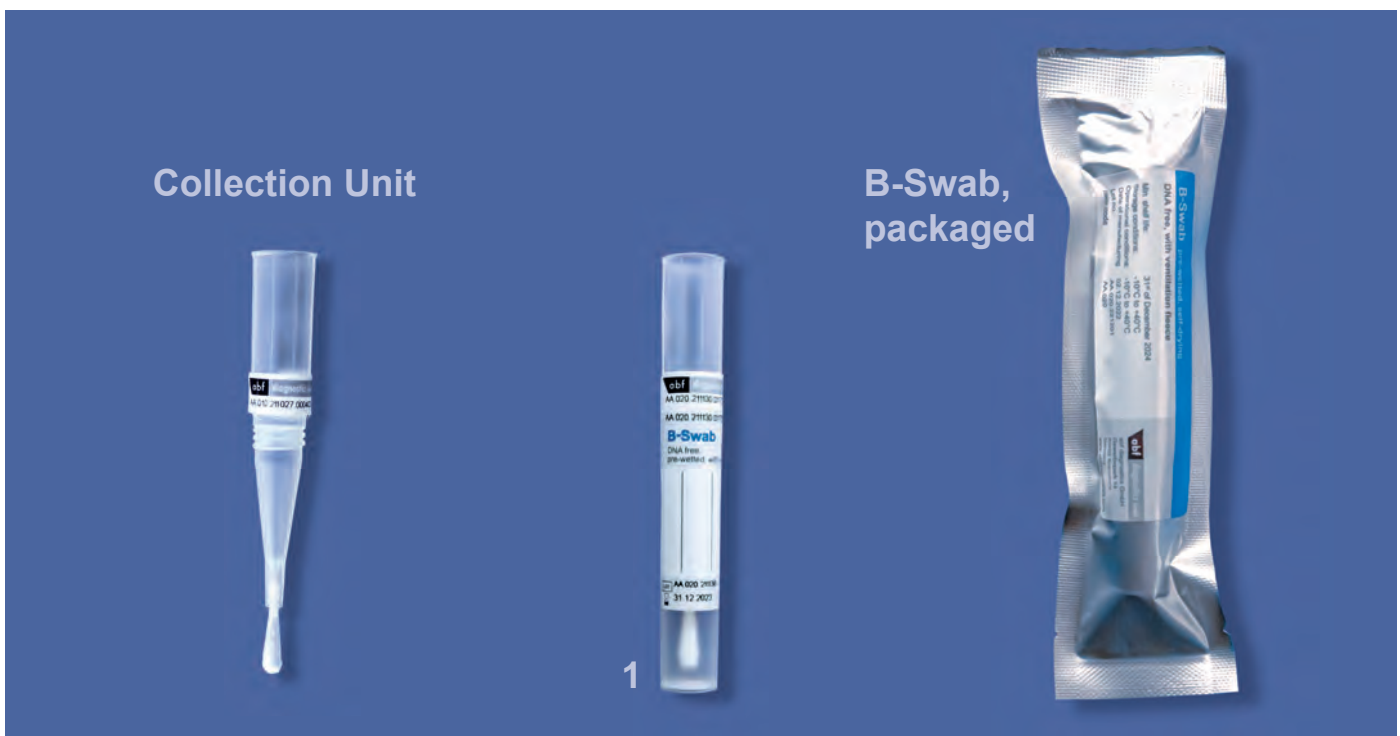


Figure No.	Item No.	Description	Head Material	Handle	Length in cm	Packaging	Quantity per Unit
1	BS.011	B-Swab, pre-wetted, self-drying	Cotton	Plastic	11.0	Singles	100

## Ejectable and Pushoff Swabs

- the swab head can be separated from the stem without breaking or cutting
- unique ejection mechanism
- with round or flat head
- packaged in paper pouches or blisters
- DNA-free, EtO-sterilized

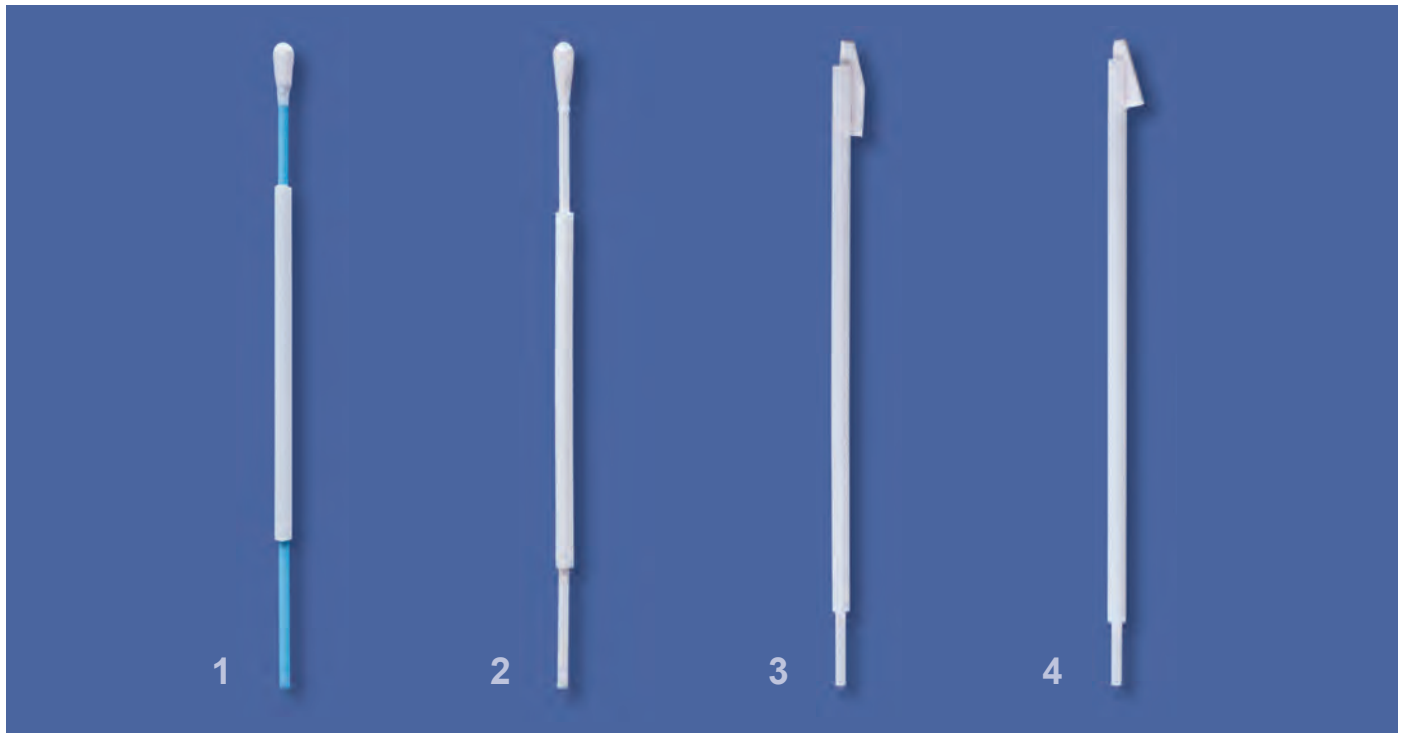


Figure No.	Item No.	Description	Head Material	Handle	Length in cm	Packaging	Quantity per Unit
1	AP.011	P1-Swab, with Pushoff™ technology	Cotton	Plastic	15.0	Singles	100
2	AP.031	P3-Swab, with Pushoff™ technology	Rayon	Plastic	15.0	Singles	100
3	AE.011	E1-Swab, ejectable swab, standard head	Cellulose, highly purified	Plastic	15.0	Singles	100
3	AE.012	E1-Swab, ejectable swab, standard head	Cellulose, highly purified	Plastic	15.0	Doubles	200
4	AE.015	E2-Swab, ejectable swab, small head	Cellulose, highly purified	Plastic	15.0	Singles	100
4	AE.016	E2-Swab, ejectable swab, small head	Cellulose, highly purified	Plastic	15.0	Doubles	200

## Cotton Swabs

- extra robust handle
- stem diameter 2.54 mm
- stem materials: polystyrene (PS), polypropylene (PP) or wood
- singles or doubles
- DNA-free, EtO-sterilized

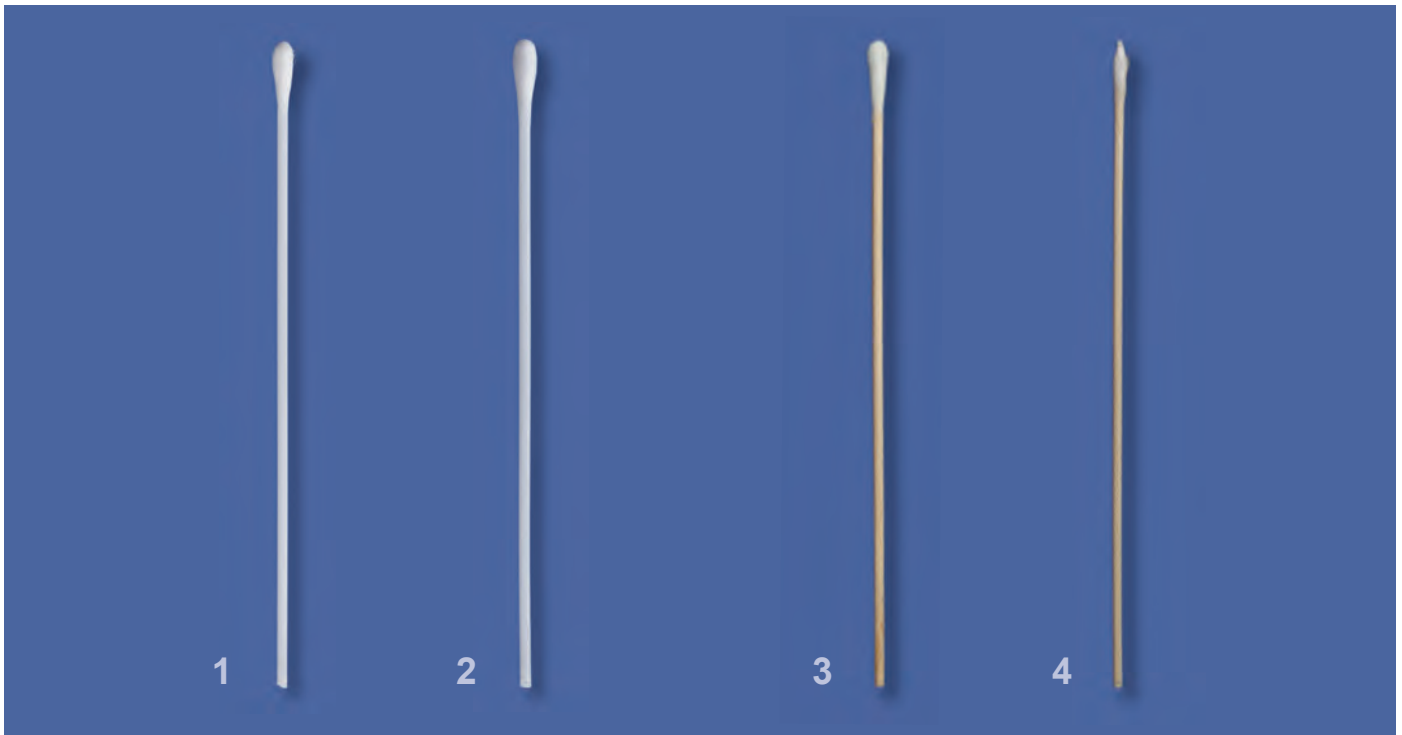


Figure No.	Item No.	Description	Head Material	Handle	Length in cm	Packaging	Quantity per Unit
1	AF.011	F1-Swab, can be broken	Cotton	Plastic	15.0	Singles	100
1	AF.012	F1-Swab, can be broken	Cotton	Plastic	15.0	Doubles	200
2	AF.013	F1-Swab, does not break	Cotton	Plastic	15.0	Singles	100
2	AF.014	F1-Swab, does not break	Cotton	Plastic	15.0	Doubles	200
3	AF.015	F1-Swab, wooden handle	Cotton	Wood	15.0	Singles	100
3	AF.016	F1-Swab, wooden handle	Cotton	Wood	15.0	Doubles	200
4	AF.017	F1-Swab, wooden handle, tapered head	Cotton	Wood	15.0	Singles	100

## Polyester and Rayon Swabs

- extra robust handle
- stem diameter 2.54 mm
- stems can be broken
- stem materials: polystyrene (PS) or wood
- singles or doubles
- DNA-free, EtO-sterilized

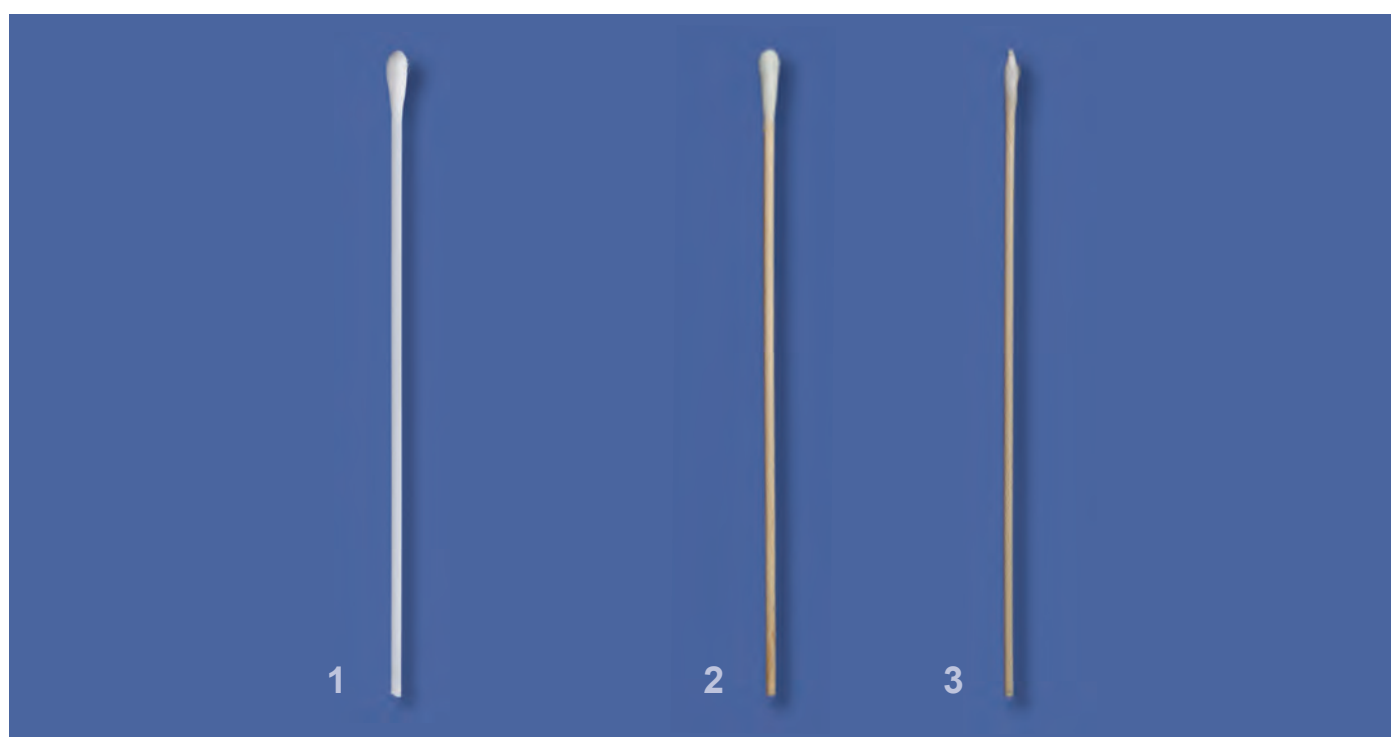


Figure No.	Item No.	Description	Head Material	Handle	Length in cm	Packaging	Quantity per Unit
1	AF.021	F2-Swabs	Polyester	Plastic	15.0	Singles	100
1	AF.022	F2-Swabs	Polyester	Plastic	15.0	Doubles	200
2	AF.025	F2-Swabs	Polyester	Wood	15.0	Singles	100
2	AF.026	F2-Swabs	Polyester	Wood	15.0	Doubles	200
3	AF.027	F2-Swabs, tapered head	Polyester	Wood	15.0	Singles	100
1	AF.031	F3-Swabs	Viscose (Rayon)	Plastic	15.0	Singles	100
1	AF.032	F3-Swabs	Viscose (Rayon)	Plastic	15.0	Doubles	200



## Adhesive Stubs

- exhibits are dabbed with the sticky head of the stub
- easy to use at the scene of crime or in the laboratory
- especially suited for porous or rough surfaces, e.g. clothes, walls, carpets, paper, wood, etc.
- EtO-sterilized, validated for the absence of human DNA



Figure No.	Item No.	Description	Quantity per Unit
1	AK.011	Adhesive Stub, 5 pcs. packaged sterile in one pouch	100

## DNA-free Wipes

- for the collection of DNA-trace samples on large surfaces and exhibits (e.g. floor, walls, doors, windows, bottles, cables, cans, etc.)
- available in two sizes
- 10 wipes per unit
- EtO-sterilized, DNA-free



Figure No.	Item No.	Description	Quantity per Unit
1	WV.011	Fleece Wipes, 30 mm x 30 mm, hydrophilic, 10 pcs. per unit, EtO-sterilized (DNA-free)	10
2	WV.012	Fleece Wipes, 60 mm x 60 mm, hydrophilic, 10 pcs. per unit, EtO-sterilized (DNA-free)	10

## Ventilated Tubes

- reaction tubes with ventilation fleece
- swab samples or swab heads are drying in the tube and are protected against contamination
- Sample lysis without tube change
- two different tube sizes
- DNA-free, EtO-sterilized

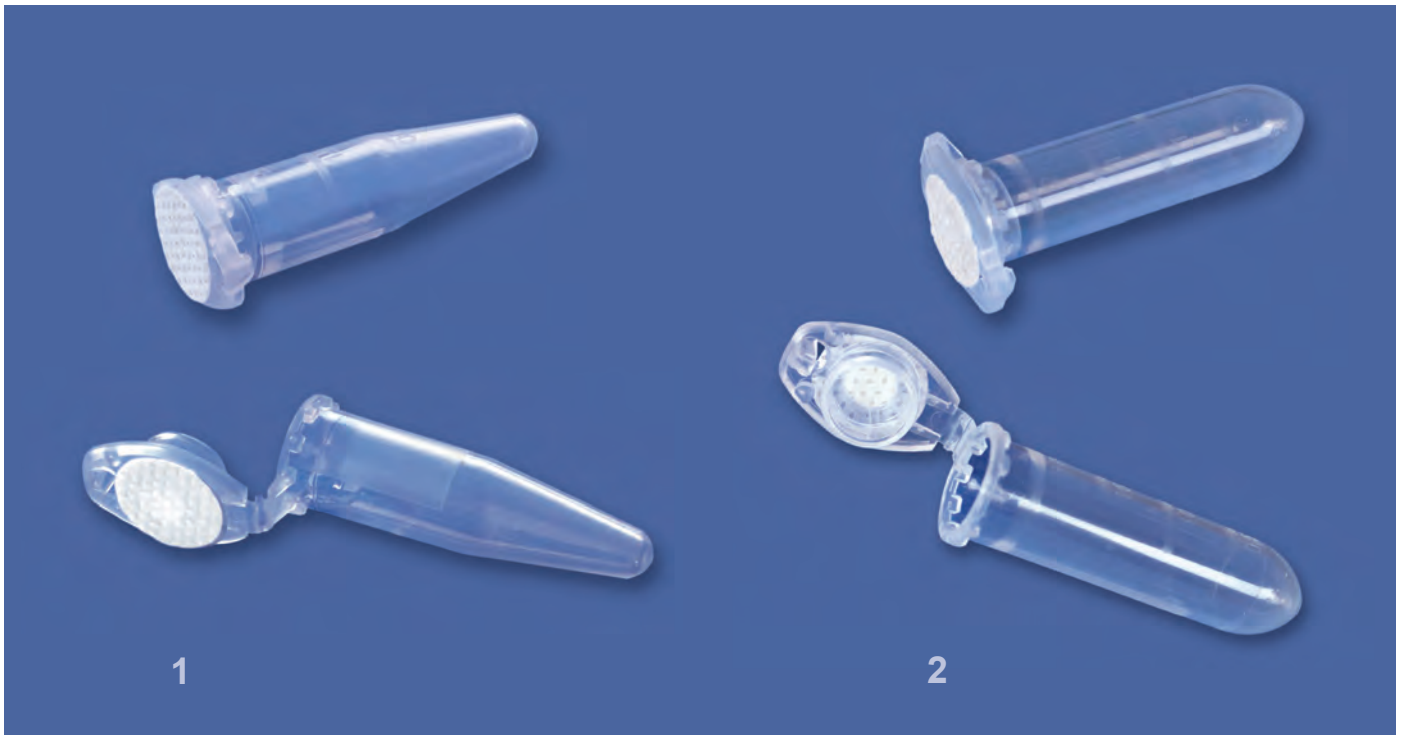


Figure No.	Item No.	Description	Volume	Quantity per Unit
1	TV.011	Ventilated Tubes, 1.5 ml	1.5 ml	100 or 1000
2	TV.012	Ventilated Tubes, 2.0 ml	2.0 ml	100 or 1000

## Spin Baskets and Tubes

- micro centrifuge tubes and baskets
- for the separation of liquids from solid carrier materials (e.g. wet swab heads or small evidence)
- with 1.5 or 2.0 ml centrifuge tubes
- DNA-free, EtO-sterilized

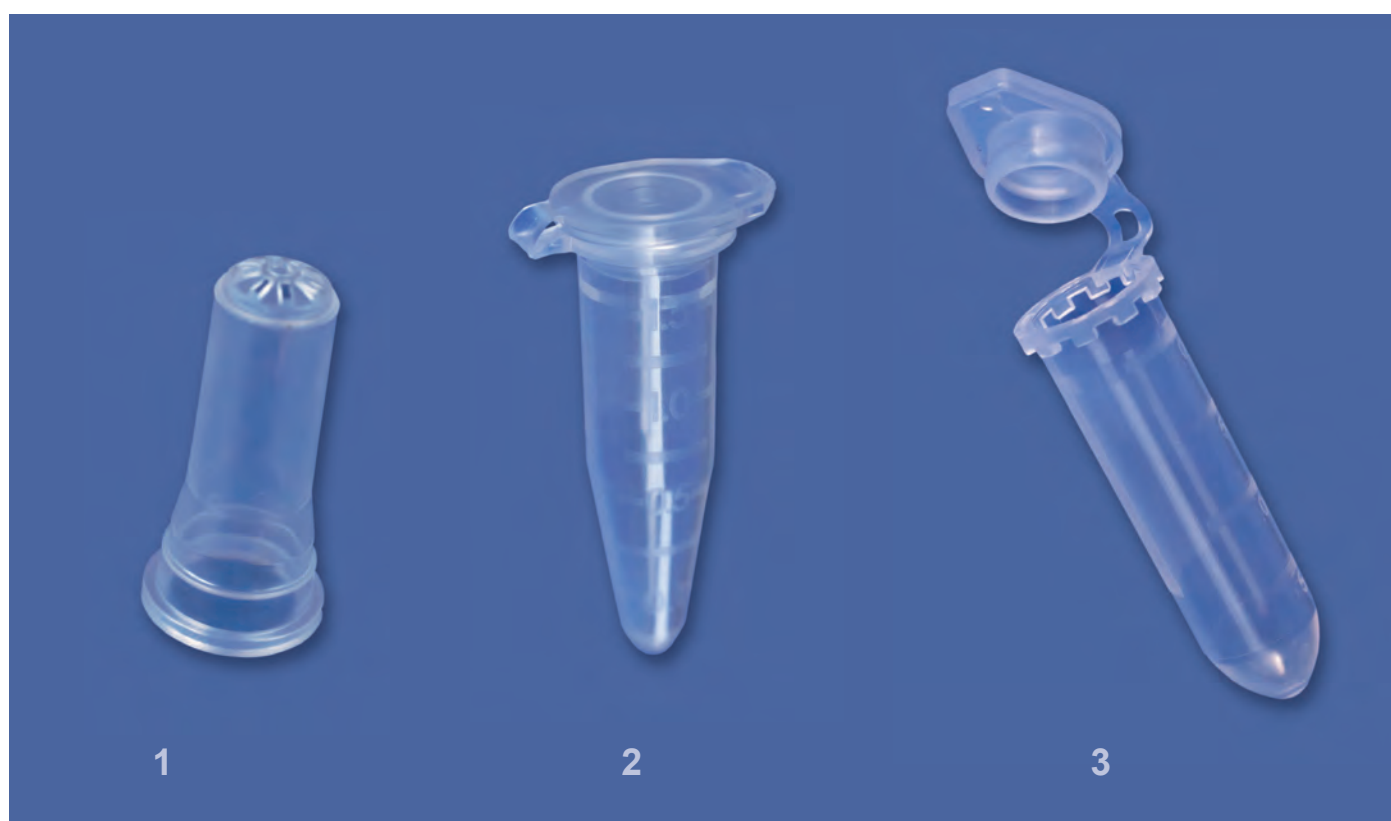


Figure No.	Item No.	Description	Quantity per Unit
1	TS.015	abf Spin Basket	100 or 1000
2	TS.011	abf Spin Tubes, 1.5 ml	100 or 1000
3	TS.012	abf Spin Tubes, 2.0 ml	100 or 1000
1	TS.025	abf Spin Basket, EtO-sterilized, DNA-free	100 or 1000
2	TS.021	abf Spin Tubes, 1.5 ml, EtO-sterilized, DNA-free	100 or 1000
3	TS.022	abf Spin Tubes, 2.0 ml, EtO-sterilized, DNA-free	100 or 1000

## Sample Collection Kits for Reference Samples

- sample collection kits for buccal samples
- with instructions for use, swabs, tubes, gloves, etc.
- with ejectable swabs and ventilated tubes
- sample dries in the tube
- packaged in robust bags



Figure No.	Item No.	Description	Number of Swabs per Kit	Quantity per Unit
1	KR.010	Buccal Sample Collection Kit, with ejectable swabs, ventilated tubes, in breathable pouch, gloves, face mask and instructions for use	2	25
2	KR.020	Buccal Sample Collection Kit, with ejectable swabs, ventilated tubes, dessicants, transport bag, gloves and instructions for use	2	25

## Sample Collection Kits for Sexual Assaults

- kits are assembled according to customer specifications
- the sample collection kit for the examination of victims consists out of 4 subunits and instructions for use
  - sample collection kit for reference samples of the victim
  - sample collection kit for the police officer
  - kit for the medical examination of the victim by a physician including examination form
  - helpful information for the victim
- a sample collection kit for the examination of suspects is available (containing 4 subunits: instructions for use, a kit for the collection of reference samples, a kit for the police officer and a kit for the physician)
- kits are packaged in a robust, breathable pouch or a small box
- all sexual assault kits may be EtO-sterilized, DNA-free



Figure No.	Item No.	Description	Quantity per Unit
1	KX.01	DNA Sample Collection Kit for Sample Collection and the Examination of Victims of Sexual Assault	2, 5 or 25
2	KX.03	DNA Sample Collection Kit for Sample Collection and the Examination of Suspects in Sexual Assault Cases	2, 5 or 25

## Crime Scene Investigation Kit with Adhesive Stubs

- with adhesive stubs, instructions for use, gloves, face mask, glassine bags, mailing envelope
- components are selected according to your preferences, no obligation for a specific supplier
- high quality sets for on-site DNA sample collection
- packaged in a robust, breathable bag
- complete kit DNA-free, EtO-sterilized



Figure No.	Item No.	Description	Number of Adhesive Stubs	Quantity per Unit
1	KK.01	Sample Collection Kit with two (2) Stubs, Face Mask, Glassine Bags, Instructions, Mailing Envelope, DNA-free	2	5 or 25

## Crime Scene Investigation Kits with Breathable Swabs

- with breathable swabs, instructions for use, gloves, face mask, ampoule with sterile water, mailing envelope
- components are selected according to your preferences, no obligation for a specific supplier
- high quality sets for on-site DNA sample collection
- packaged in a robust, breathable bag
- complete kit DNA-free, EtO-sterilized



Figure No.	Item No.	Description	Number of Swabs per Kit	Quantity per Unit
1	KS.01	Sample Collection Kit for two (2) samples, DNA-free	2	5 or 25



## DNA-free Accessory Sets

- with gloves (24 or 30 cm), face mask and mailing envelope
- high quality accessory set for crime scene work
- packaged in a robust, breathable bag
- complete kit DNA-free, EtO-sterilized

 <p>1</p>	 <p>2</p>	 <p>3</p>	
Figure No.	Item No.	Description	Quantity per Unit
1	KS.110	DNA-free Accessory Set, packaged in paper-foil pouch, 1 pair of nitrile gloves (24 cm), face mask, mailing envelope	25
2	KS.120	DNA-free Accessory Set, packaged in Tyvek-foil pouch, 1 pair of nitrile gloves (30 cm), face mask, mailing envelope	25
3	KS.130	DNA-free Accessory Set, packaged in Tyvek-foil pouch, 1 pair of nitrile gloves (30 cm), face mask, hairnet	25

## Gloves – EtO-sterilized

- extra long (30 cm), high quality nitrile gloves, powder free
- packaged in pairs
- DNA-free, EtO-sterilized
- type of glove may be specified by the customer

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Figure No.	Item No.	Description	Quantity per Unit
1	HA.01	Nitrile Gloves, size S, length 30 cm, packaged in pairs	25
2	HA.02	Nitrile Gloves, size M, length 30 cm, packaged in pairs	25
3	HA.03	Nitrile Gloves, size L, length 30 cm, packaged in pairs	25
4	HA.04	Nitrile Gloves, size XL, length 30 cm, packaged in pairs	25

## DNA-free Evidence Boxes

- DNA-free boxes, EtO-sterilized
- pre-assembled
- individually packaged in sterilization pouches
- with perforated inlay, cable ties, and security seal
- intended for the storage and transport of highly sensitive evidence, e.g. weapons, rifles, knives, bottles, cans, etc.



Figure No.	Item No.	Description	Quantity per Unit
1	TK.001	Evidence Box, size S, individually packaged, inner dimensions: 24 x 17 x 5.5 cm, with perforated inlay, 4 cable ties, 2 security seals, EtO-sterilized, DNA-free	10
2	TK.002	Evidence Box, size M, individually packaged, inner dimensions: 38 x 22 x 6.0 cm, with perforated inlay, 4 cable ties, 2 security seals, EtO-sterilized, DNA-free	10
3	TK.003	Evidence Box, size L, individually packaged, inner dimensions: 43 x 9 x 6.0 cm, with perforated inlay, 4 cable ties, 2 security seals, EtO-sterilized, DNA-free	10
4	TK.004	Evidence Box, size XL, individually packaged, inner dimensions: 36 x 18 x 14 cm, with perforated inlay, 4 cable ties, 2 security seals, EtO-sterilized, DNA-free	10
5	TK.005	Evidence Box, size XXL, individually packaged, inner dimensions: 110 x 26 x 8 cm, with perforated inlay, 4 cable ties, 2 security seals, EtO-sterilized, DNA-free	5

## Ampoules with Sterile Water

- ampoules are easy to open, even with gloves
- ampoules are filled with sterile water
- 5 ampoules are packaged in small ZIP bag



1

Figure No.	Item No.	Description	Quantity per Unit
1	AM.61	Ampoules with 3.5 ml of sterile water, 5 ampoules per ZIP pouch, 100 ampoules (or 20 ZIP pouches) per unit	100

## Surface Decontamination with DNA-ExitusPlus™

- mild and non-corrosive chemistry
- short incubation times
- removes unwanted DNA and RNA from work surfaces and tools
- two different versions of DNA-ExitusPlus™ are available:
  - DNA-ExitusPlus™ (DX) includes a color indicator to easily visualize the surface area covered by the reagent
  - DNA-ExitusPlus™ IF (DY) is almost colourless
- all components of DNA-ExitusPlus™ are readily bio-degradable and not harmful or toxic for humans



Fig. No.	Item No.	Description	Volume
1	DX.0100	DNA-ExitusPlus™, with colour indicator, spray bottle	100 ml
2	DX.0500	DNA-ExitusPlus™, with colour indicator, spray bottle	500 ml
3	DX.1000	DNA-ExitusPlus™, with colour indicator, refill bottle	1 l
4	DX.2500	DNA-ExitusPlus™, with colour indicator, refill bottle	2.5 l
1	DY.0100	DNA-ExitusPlus™ IF, without colour indicator, spray bottle	100 ml
2	DY.0500	DNA-ExitusPlus™ IF, without colour indicator, spray bottle	500 ml
3	DY.1000	DNA-ExitusPlus™ IF, without colour indicator, refill bottle	1 l
4	DY.2500	DNA-ExitusPlus™ IF, without colour indicator, refill bottle	2.5 l



## Our Company

abf diagnostics GmbH is an innovative new enterprise located in Kranzberg close to Munich, Germany.

In our business unit “DNA sample collection” we are developing, manufacturing and marketing products and solutions for the detection, collection, storage and processing of biological samples and traces.

In our business unit “Fingerprint Detection and Documentation” we are developing and marketing products for the contactless, photographic documentation of fingerprints and other forensic traces.

In the area of “Digital Crime Scene Documentation” abf diagnostics offers comprehensive solutions for the rapid, automated capturing of crime scenes, accident sites and other areas of interests including the creation of digital copies and 3D-Reconstruction.

We are cooperating with leading companies in pre-analytics and digital sensor technologies and are marketing our products into the forensic, medical and veterinary diagnostics markets.

## Our Markets

Our products and solutions for the detection, collection, storage and processing of biological samples and traces are routinely applied in the following areas:

- DNA sample collection at the scene of crime and in the laboratory
- Forensic and Human Genetics
- Paternity Testing, Parentage Investigation and Heritage Research
- Veterinary Medicine, Forensics and Genetics
- Forensic Toxicology

Our business unit “Fingerprint Detection and Documentation” covers the following areas of application:

- Forensic Evidence and Fingerprint Photography
- Contactless Dactyloscopy

Our products for “Digital Crime Scene Documentation” are widely used for the

- Creation of high quality Virtual Reality copies of scenes of crime (“Digital Twins”)
- Rapid, digital documentation of traffic accidents
- Digital crime scene reporting and case management

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