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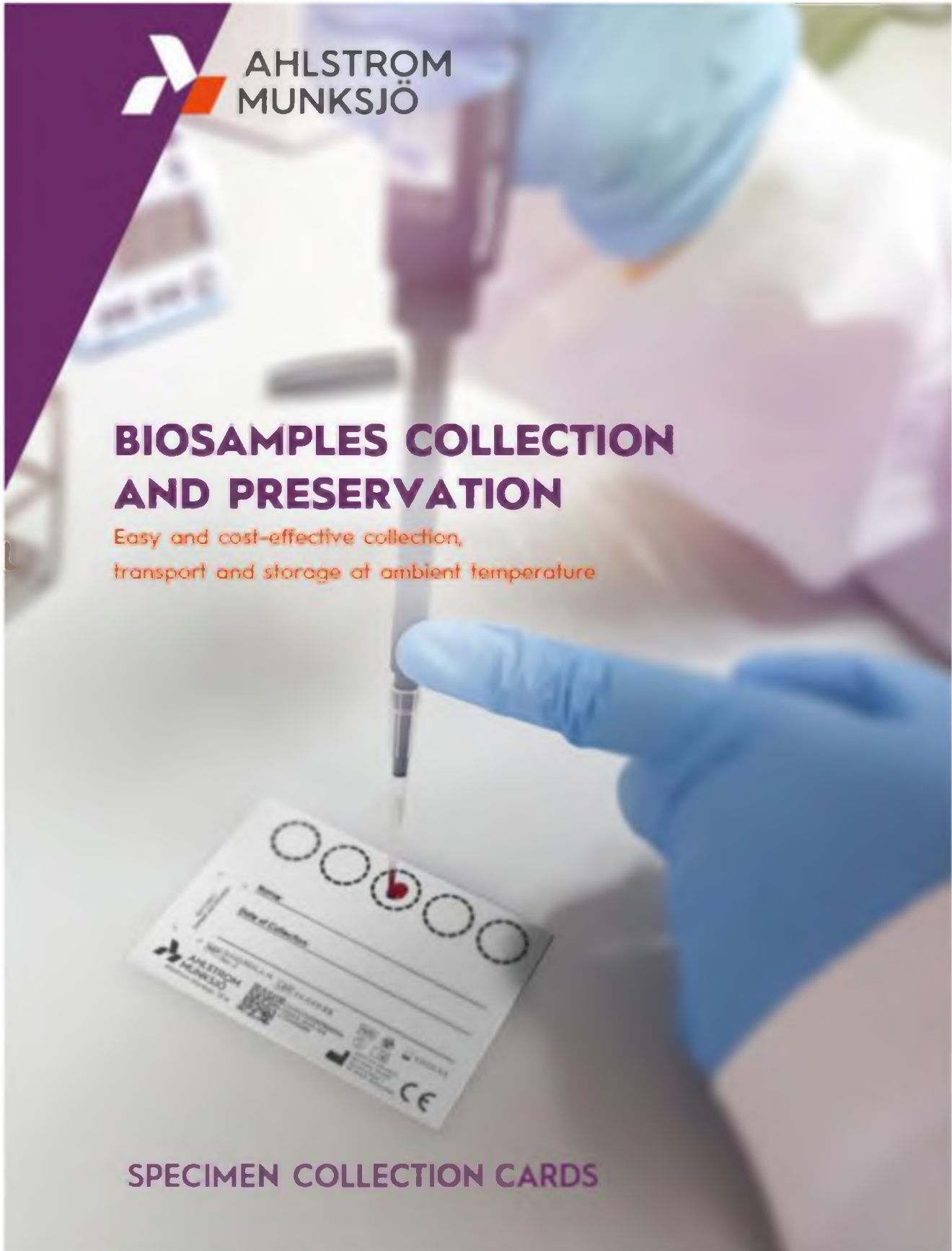
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Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
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Хабаровск (4212)92-98-04
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AHLSTROM MUNKSJÖ

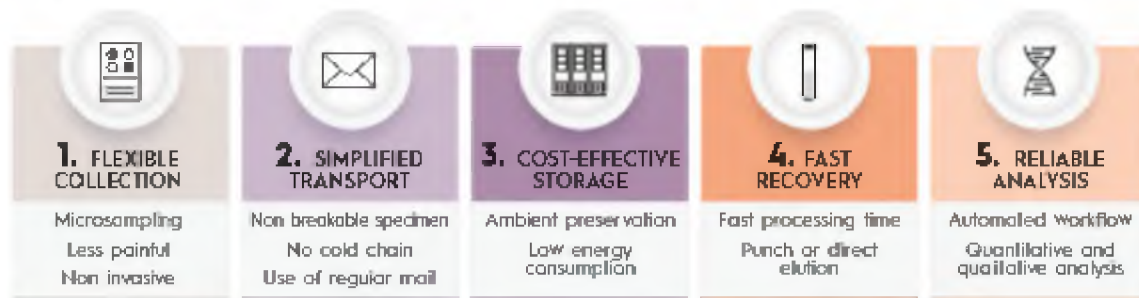
BIOSAMPLES COLLECTION AND PRESERVATION

Easy and cost-effective collection, transport and storage at ambient temperature

SPECIMEN COLLECTION CARDS

Our experience in biosamples collection

The Ahlstrom-Munksjö specimen collection cards portfolio is designed for microvolume sampling, transport and stabilization of biospecimens at ambient temperature. Minimal volumes for analysis, less equipment required, and only basic skills needed are all features that make our cards ideal to be used in any kind of environment and circumstances.



How do we make the difference?

- Expertise in manufacturing and treatment of fiber-based materials
- All products are self-certified ISO 18385:2016 forensics grade and manufactured according to ISO 9001:2015
- Responsive and highly skilled technical customer support
- Continuous innovation in Life Sciences

Our standard range is suitable for various diagnostics applications and our options for customized products help us to specifically address your needs.

How can we meet your needs? Our options for customization

To accommodate our customer needs, our specialized product offering includes various options for customization. Our cards can be chemically pretreated and customized in terms of design, color coding, bar coding and packaging.



Kits and accessories

To meet market and customers needs, we design custom and user-friendly kits making the collection process easy and reliable. Our kits contain all of the items you need to collect biosamples from different environments and transport them to expert analytical laboratories.

- Gloves
- Facemask
- Mailing envelope
- Swab
- Desiccant
- Multi-barrier pouch
- Instruction manual
- Barcoded labels
- Outer bag labeled with barcode and expiry date

GenSaver™ 2.0

Ambient preservation of DNA for high quality analysis

Ahlstrom-Munksjö GenSaver™ 2.0 specimen collection cards are specifically designed for collection and transport of microvolumes of biological samples and long-term preservation of DNA at ambient temperature.

DNA preserved on GenSaver™ 2.0 can be used even after 22 years of ambient storage to generate high quality STR and Next Generation Sequencing data.



KEY FEATURES

- Long-term ambient preservation of DNA
- Antimicrobial activity
- Free of amplifiable human DNA
- Free of DNase and RNase
- Ready for automation: compatible with BSD 600 and other available punching systems

Different solutions for different samples

The card design and printing are customizable to better accommodate our customers' needs in terms of automation, color coding and barcoding. The two colors available are suitable for the collection of different kinds of biosamples:

- White cards for the collection of easily identified samples such as whole blood
- Pink cards for the collection of clear samples such as saliva, buccal cells, urine, bacterial cells (from colonies, glycerol stocks or bacterial cultures), tissue lysate, liquid biopsy or purified DNA

The 96-well card format finds application when repetitive dispensing is required in the clinical, hospital, biological, chemical, food & beverage, pharmaceutical, veterinary and forensic fields

APPLICATIONS

- Forensic
- Human Identification
- Paternity Testing
- Animal genetic screening
- Biobanking
- Genomics
- Molecular biology
- Whole genome amplification
- Plasmid screening

Product	Cards/ Pack	Sample area/card	Max. Vol. loaded/ sample area (µl)	Ref. Number	Sample type
GenSaver™ 2.0	25/10000	96	5	85660003 B / 85660005 B / 85660005 B - N	Blood
	100	4	175	85661001 B - N	
	100	2		85661001 B - N	
	100	1		85660000 B - N	
GenSaver™ Color 2.0	25/5000	96		5	85670003 B / 85670003 B / 85670005 B - N
	100	4	175	85670009 B - N	
	100	2		85670009 B - N	
	100	1		85670000 B - N	

GenReleaz™

Fast and efficient recovery of DNA

Ahlstrom-Munksjö GenReleaz™ and GenReleaz™ Color specimen collection cards are specifically designed for collection and transport of biosamples like blood, saliva, buccal cells, urine and for fast elution of DNA even after a long preservation at ambient temperature.



These cards facilitate rapid elution of nucleic acids and make DNA ready for downstream analyses in less than 30 minutes with a simple elution protocol.

KEY FEATURES

- Long-term ambient preservation of DNA
- Fast and simple DNA elution for high recovery
- Antimicrobial activity
- Free of amplifiable human DNA
- Free of DNases & RNases

Different solutions for different samples

The card design and printing are customizable to better accommodate our customers' needs in terms of automation, color coding and barcoding. The two colors available are suitable for the collection of different kinds of biosamples:

- White cards for the collection of easily identified samples such as whole blood
- Purple cards for the collection of clear samples such as saliva, buccal cells, urine, bacterial cells (from colonies, glycerol stocks or bacterial cultures), tissue lysate, liquid biopsy.

Product	Cards/ Pack	Sample areas/card	Max. Vol loaded/sample area (µl)	Ref. Number	Sample type
GenReleaz™	100	4	75	B2950000 B-N	Blood
	100	2		B2950001 B-N	
	100	1		B2950002 B-N	
GenReleaz™ Color	100	4	100	B2960002 B-N	Saliva, buccal cells, urine, bacterial cells
	100	2		B2960001 B-N	
	100	1		B2960000 B-N	

APPLICATIONS

- Forensics
- Human identification
- Genomics
- Molecular biology
- Animal genetic screening
- Whole genome amplification
- Plasmid screening
- Pharmacogenomics

AutoCollect™

High quality automation in DBS

Ahlstrom-Munksjö AutoCollect™ specimen collection cards for high-throughput environments work efficiently in both DBS punch and direct elution.

They are designed for microvolume sampling, transport and storage of dried blood spot (DBS) at ambient temperature.

The cassette format of the card with high stiffness provides a suitable fit with main laboratory automated equipment available on the market, allowing reliable DBS card processing, from detection of dried blood spot to the preparation of samples ready for LC/MS analysis.

The standard AutoCollect™ and AutoCollect™ Color cards are suitable for short-term storage (about 2 years). We also offer AutoCollect™ cards in GenSaver™ 2D (AutoCollect™ GS) and GenRelease™ (AutoCollect™ GR) formats for increased performance and features.

Product	Cards/ Pack	Sample area/card	Max. Vol loaded/ sample area (µl)	Ref. Number	Sample type
AutoCollect™	100	4	20	85600058 N	Blood
AutoCollect™ Color	100	4	10	85600058 N	Saline, bacterial cells, urine, bacterial cells, Tissue lysate, liquid biopsy
AutoCollect™ GS 2D	100	4	20	85660048 N	Blood
AutoCollect™ GS Color 2D	100	4	15	85600048 N	Saline, bacterial cells, urine, bacterial cells, tissue lysate, liquid biopsy, pathol. DNA
AutoCollect™ GR	100	4	18	879500058 N	Blood
AutoCollect™ GR Color	100	4	10	879500058 N	Saline, bacterial cells, urine, bacterial cells



KEY FEATURES

- Mass Spectrometry (MS) grade purity fiber-based material
- Mikrosampling
- Stable and precise design dimensions
- Fitting suitable for main automated laboratory devices

APPLICATIONS

- Pharmacokinetic
- Therapeutic drugs monitoring
- Preclinical and clinical studies
- Human identification
- Toxicology
- Forensics
- Biomarkers screening