

BIOSAMPLE AND 5 CIRCLES CARDS

Biospecimen microsampling made easy

Ahlstrom BioSample and 5 circles cards are designed for micro-volume sampling, transport and ambient storage of biological samples. These cards are made of white and pure absorbent fibers and contain no wet-strength additives or chemicals. Thus, they ensure reproducible collection and minimize possible interferences for reliable analysis of targeted analytes like small molecules, proteins, nucleic acids or vitamins. The cards with reference number 8.460.xxxx.A are CE marked in EU as In Vitro Diagnostic medical device in compliance with the Directive (EU) 2017/746. Drying racks are available to facilitate drying of the cards at ambient temperature.



Different solutions for different samples

BioSample cards are available in different formats:

- Standard format with cover for sample protection
- Simple format, without cover for easier processing
- With or without perforated circles

Product	Cards/ Pack	Sample areas/ card	Max. Vol loaded/sample area (µl)	Ref. Number	Samples type
BioSample RUO	100	5	70	8.460.0001.B-N	Blood
BioSample RUO perforated circles	100	5		8.460.0005.B-N	
Bio Sample CE	100	5		8.460.0050.A-N	
Bio Sample CE Barcode	100	5		8.460.0052.A-N	
BioSample-CE perforated circles	100	5		8.460.0038.A-N	
5 circles card RUO	100	5		8.460.0004.B-N	
5 circles card-CE	100	5		8.460.0004.A-N	
5 circles card-CE-perforated circles	100	5		8.460.0012.A-N	

RUO: Research Use Only

APPLICATIONS

- HIV viral load testing
- Infectious diseases screening (incl. Hepatitis B, C and Syphilis)
- Protein-based analysis
- Lipid-based analysis
- Genomics
- Human Identification
- Forensics
- New born screening

KEY FEATURES

- Reliable and reproducible sample collection
- Even and uniform sample distribution
- Rigorous quality control and manufacturing according to ISO 13485:2016 and ISO 9001:2015 standards
- Each batch tested in accordance with CLSI (Clinical and Laboratory Standard Institute) newborn screening quality assurance program and NBS01 Dried Blood Spot Specimen Collection for Newborn Screening

Datenblatt

Technical data sheet

Sorte | grade: TFN

Art. Nr. | item No.: 460

Eigenschaften | characteristics: White, 100% cotton, no wet- strength additives, plain

Anwendung | applications: Used by healthcare professionals as sample vessel for blood samples

Vorteile | benefits: Compliant with CLSI document NBS01

Prüfmerkmal property	Prüfmethode test method	Einheit unit	charakteristische Werte typical values
Flächenbezogene Masse Basis weight	DIN EN ISO 536	g/m ²	170 – 188
Aschegehalt (800 °C) Ash content	DIN 54370	%	≤ 0,1
pH – Wert pH – value	ISO 6588-1	-	5,7 – 7,5
Blutstropfen Durchmesser Blood spot diameter	NBS01	mm	16 ± 1
Blut Absorptionszeit Blood absorption time	NBS01	s	5 – 30
Blutserum Absorptionsvolumen Blood serum absorption voume	NBS01	µL	1,54 ± 0,17

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All indicated data to be understood as typical average values.

This product is manufactured in conformance with the Quality Management standard DIN EN ISO 9001.

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