

5 circles card

Item number 460



Description:

Ahlstrom TFN specimen collection cards (***) are sample vessels developed for the collection, transport, and storage of human whole blood samples. These products fulfill all essential requirements of the Regulation (UE) 2017/746.

5 circles specimen collection cards for research use (RUO) are designed for microvolume sampling, transport, and ambient storage of biological samples.

Applications:

- HIV viral load testing(**)
- Infectious diseases screening(**)
- Preclinical and clinical studies (**)
- Genomics
- Human identification
- Forensics
- Protein and lipid based analysis

Benefits:

- Pure absorbent fiber without wet strength additives
- Even and uniform sample distribution
- Reliable sample collection
- Simple extraction of analytes

Paper grade characteristics:

Characteristics	Test methods	Units	Requirements	Typical Average Values
Basis Weight	DIN EN ISO 536	g/m ²	179 ± 5%	179
Thickness	DIN EN ISO 534	mm	0.48 – 0.57	0.51
pH	Internal method	-	5.7 to 7.5	7.0
Blood spot diameter*	NBS-01-A6	mm/100µl	15 – 17.5	16.6
Blood absorption time*	NBS-01-A6	s/100µl	5 – 30	12

*Values for Hematocrit level of 55%

Product overview:

Name	Cards/ Pack	Sample areas/ card	Max. Vol load/ sample area (µl)	Ref. Number	Sample s type
5 circles card RUO	100	5	70	8.460.0004.B-N	Blood
5 circles card CE (**)				8.460.0004.A-N	
5 circles card CE, perforated circles (**)				8.460.0012.A-N	

RUO: Research use only

(**) For CE mark cards

Certifications of the company: ISO 13485:2016, ISO 9001:2015, ISO 14001:2015, ISO 50001:2011

Manufacturer:

Ahlstrom Germany GmbH

Niederschlag 1

09471 Bärenstein, Germany

T: +49 (0) 37347 / 83-0 - F: +49 (0) 37347 / 83-64

Release Date: 07.04.2023 Rev.02

Doc.-No.: 460-5c

Contact: diagnostics@ahlstrom.com

www.ahlstrom.com

DISCLAIMER: The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitation any warranty of merchantability and fitness for use. All users of the material are responsible for assuring that it is suitable for their needs, environment and end use. All data is subject to change as Ahlstrom deems appropriate. Refer to www.ahlstrom.com for contact information.