5 circles card

Item number 460



Description:

Ahlstrom-Munksjö 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 European directive 98/79/EC.

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/m²	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
Blood serum absorption volume	NBS-01-A6	µl	1.54 ± 0.17	1.54

*Values for Haematocrit 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
TFN- specimen collection card(**)				8.460.0004.A-N	
TFN- specimen collection card, perforated circles(**)				8.460.0012.A-N	

RUO: Research use only

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

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Release Date : 12.11.2019 Rev.00 Doc.-No.: 460-5c

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