

GenSaver™ 2.0

Item number 566



Description:

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.

Applications:

- Forensics
- Human identification
- Paternity testing
- Biobanking
- Genomics
- Molecular biology
- Plasmid screening
- Animal genetic screening
- Whole genome amplification

Benefits:

- Long-term ambient preservation of DNA (22 years)
- High quality STR profiling and NGS data
- Direct-multiplex PCR and quantitative PCR
- Free of amplifiable human DNA
- Free of DNases and RNases
- Antimicrobial activity

Paper grade characteristics:

Characteristics	Test methods	Units	Requirements	Typical Average Values
Basis Weight	DIN EN ISO 536	g/m ²	219 ± 5%	219
Thickness	DIN EN ISO 534	mm	0.52 – 0.63	0.57
Surface pH	Internal method	-	7.5 to 9.0	8.6
Blood absorption time*	NBS-01-A6	s/100µl	15 – 40	30
Blood spot diameter*	NBS-01-A6	mm/100µl	11 – 17	13.9

*Values for Haematocrit level of 55%

Product overview:

Name	Cards/Pack	Sample areas/card	Max. Vol loaded/ sample area (µl)	Ref. Number	Samples type
GenSaver™ 2.0	25	96	5	8.566.0003.B-G	Blood
	50			8.566.0003.B-K	
	100			8.566.0003.B-N	
	100	125	8.566.0002.B-N		
	100		8.566.0001.B-N		
	100		8.566.0000.B-N		

Note: Material contains boric acid

Certifications of the company: ISO 9001:2015, ISO 14001:2015, ISO 50001:2011, ISO 18385:2016

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