

# GenSaver™ Color 2.0

Item number 567



## Description:

GenSaver™ Color 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
<b>Basis Weight</b>	DIN EN ISO 536	g/m <sup>2</sup>	218 ± 5%	218
<b>Thickness</b>	DIN EN ISO 534	mm	0.50 – 0.64	0.56
<b>Surface pH</b>	Internal method	-	7.5 to 9.0	8.5
<b>Saliva absorption time</b>	NBS-01-A6	s/100µl	1 – 5	2
<b>Saliva spot diameter</b>	NBS-01-A6	mm/100µl	18 – 22	20

## Product overview:

Name	Cards/Pack	Sample areas/card	Max. Vol load/ sample area (µl)	Ref. Number	Samples type
GenSaver™ Color 2.0	25	96	5	8.567.0003.B-G	Saliva, buccal cells, urine, bacterial cells, tissue lysate, liquid biopsy, purified DNA
	50			8.567.0003.B-K	
	100	8.567.0003.B-N			
	100	4	8.567.0002.B-N		
	100	2	8.567.0001.B-N		
	100	1	125	8.567.0000.B-N	

Note : Material contains boric acid

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

**Contact:** [diagnostics@ahlstrom-munksjo.com](mailto:diagnostics@ahlstrom-munksjo.com)

Manufacturer:

Ahlstrom-Munksjö Germany GmbH

Niederschlag 1

09471 Bärenstein, Germany

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

Release Date : 14.11.2019 Rev.06

Doc.-No.: 567

**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-Munksjö deems appropriate. Refer to [www.ahlstrom-munksjo.com](http://www.ahlstrom-munksjo.com) for contact information.

© Ahlstrom-Munksjö 2019

[www.ahlstrom-munksjo.com](http://www.ahlstrom-munksjo.com)