BAG-BioStrip

Biological Indicators for Monitoring all Types of Sterilization Processes
STEAM – DRY – EO – IRRAD – FORM – VH2O2

	Order-No.	Packaging unit
BAG-BioStrip Geobacillus stearothermophilus 10^5, ATCC 7953 Spore strips for monitoring steam sterilization processes	7480	100
BAG-BioStrip *(White Glassine)* Geobacillus stearothermophilus 10^6, ATCC 7953 Spore strips for monitoring steam sterilization processes	7478	100
BAG-BioStrip Bacillus atrophaeus 10^6, ATCC 9372 Spore strips for monitoring dry heat or ethylene oxide sterilization processes	7481	100
BAG-BioStrip G.stearothermophilus 10^5 + B.atrophaeus 10^6, ATCC 7953/9372 Combinded (dual) spore strips for monitoring steam, dry heat or ethylene oxide sterilization processes	7479	100
BAG-BioStrip G.stearothermophilus 10^5 + B.atrophaeus 10^6, ATCC 7953/9372 Combinded (dual) spore strips for monitoring steam, dry heat or ethylene oxide sterilization processes,	7385	24 envelopes with 3 spore strips each
BAG-BioStrip G.stearothermophilus 10^5 + B.atrophaeus 10^6, ATCC 7953/9372 Combinded (dual) spore strips for monitoring steam, dry heat or ethylene oxide sterilization processes	7386	30 envelopes with 5 spore strips each

BAG Health Care GmbH
Amtsgerichtsstraße 1-5
35423 Lich/Germany
Tel.: +49 (0) 6404 / 925-0
Fax: +49 (0) 6404 / 925-250
www.bag-healthcare.com
info@bag-healthcare.com

Auftragsannahme/Ordering:
Tel.: +49 (0) 6404 / 925-450
Fax: +49 (0) 6404 / 925-460
verkauf@bag-healthcare.com

Customer Service:
Tel.: +49 (0) 6404 / 925-125
Fax: +49 (0) 6404 / 925-421
service@bag-healthcare.com

Also available:

BAG-BioStrip-Validationset G.stearothermophilus **10^3 – 10^7**	74802
BAG-BioStrip B.atrophaeus **10^4 - 10^8**	74812
BAG-BioStrip Bacillus pumilus **10^4 - 10^8**	On request
SporeCoupons & SteelCoupons (H_2O_2 sterilization) **Spore Suspensions**	available

Every BAG-BioStrip packaging unit contains an IFU and a Certificate of Analysis including

- Population and strain
- Resistance data: D-value (D_{STEAM}, D_{EO}, D_{DRY}), z-value
- Lot no., manufacturing date, expiry date

BAG biological indicators are manufactured according to EN 866 and ISO 11138.

ATCC is registered trademark of American Type Culture Collection

BAG-Biostrip – Instructions for Use

Sterilization:

1. Place at least 5 spore strips (according to EN 285 and EN 13060) or required number of spore strips depending on the size of the sterilizer chamber and/or depending on regional requirements or load in the sterilizer.
2. Position spore strips according to individual specifications in the sterilizer chamber. Keep one spore strip as control (growth control) out of the sterilizer.
3. Run sterilization cycle.
4. Incubate spore strips + control strip in a laboratory for microbiology according to the species' requirements (see below).

Incubation:

1. Remove spore strip from glassine cover under sterile conditions (laminar flow).
2. Transfer spore strip into 10 to 15 ml of sterile tryptic soy broth (Soybean Casein Digest Broth) and incubate for 7 days:
   G. stearothermophilus – STEAM: at 55 – 60° C
   B. atrophaeus – EO / DRY: at 30 – 35° C
   B. pumilus – IRRAD: at 30 – 35° C
3. Check tubes every day during incubation. Final evaluation after 7 days:
   Turbidity = growth = **NOT sterile**
   No turbidity = no growth = **sterile**
   Control strip has to show growth.
4. Documentation of all results. Sterilize all bacteria cultures showing growth.

Storage: Dry at room temperature (15 – 27° C)

BAG Health Care GmbH
Amtsgerichtsstraße 1-5
35423 Lich/Germany
Tel.: +49 (0) 6404 / 925-0
Fax: +49 (0) 6404 / 925-250
www.bag-healthcare.com
info@bag-healthcare.com

Auftragsannahme/Ordering:
Tel.: +49 (0) 6404 / 925-450
Fax: +49 (0) 6404 / 925-460
verkauf@bag-healthcare.com

Customer Service:
Tel.: +49 (0) 6404 / 925-125
Fax: +49 (0) 6404 / 925-421
service@bag-healthcare.com

Tryptic Soy Broth with Color Change

To reduce the incubation time special culture media ampoules can be used. The Tryptic Soy Broth contains a color change indicator reacting on spore growth after **24 hours**. The color change is from purple to yellow (for Geobacillus sterothermophilus spores only).

Available ampoules (100 ampoule per box):

Order-No. 74956 16mm x 100mm (8 ml fill volume)
(also suitable for inoculated stainless steel discs, e.g. BAG-SporeDisc)

biostrip_flyer_01_eng

BAG Health Care GmbH
Amtsgerichtsstraße 1-5
35423 Lich/Germany
Tel.: +49 (0) 6404 / 925 - 0
Fax: +49 (0) 6404 / 925 - 250
www.bag-healthcare.com
info@bag-healthcare.com

Auftragsannahme/Ordering:
Tel.: +49 (0) 6404 / 925 - 450
Fax: +49 (0) 6404 / 925 - 460
verkauf@bag-healthcare.com

Customer Service:
Tel.: +49 (0) 6404 / 925 - 125
Fax: +49 (0) 6404 / 925 - 421
service@bag-healthcare.com