

BAG-BioCheck

Self-Contained Biological Indicators incl. Growth Media for Monitoring Sterilization Processes with STEAM, EO-Gas or H₂O₂

EASY to use – CLEAR results – FAST 24-/48- hour readout

Product features

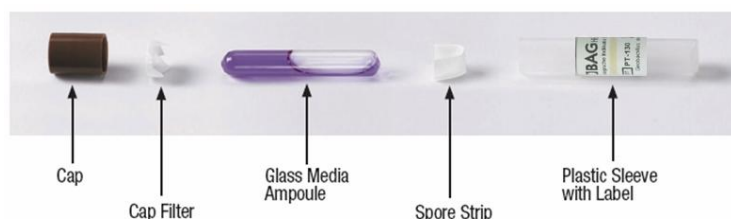
BAG-BioCheck are composed of a polypropylene vial containing a bacterial spore strip and an ampoule containing growth media. BAG-BioCheck STEAM and BAG-BioCheck H₂O₂ contain spores from *Geobacillus stearothermophilus*, BAG-BioCheck EO contains spores from *Bacillus atropheus*.



	Order-No.	Packaging unit
BAG-BioCheck STEAM:		
<i>G. stearothermophilus</i> , 10 ⁵	7482	100
<i>G. stearothermophilus</i> , 10 ⁶	7483	100
BAG-BioCheck EO:		
<i>B. atropheus</i> , 10 ⁶	7484	100
NEW BAG-BioCheck H₂O₂:		
<i>Geobacillus stearothermophilus</i> 10 ⁶ (use with pre-vacuum cycles, e.g. Sterrad [®] , only)	7490	30

24-hour readout for BAG-BioCheck STEAM and H₂O₂

48-hour readout for BAG-BioCheck EO



Instructions for Use

1. Place at least 5 BAG-BioCheck vials or required number of vials depending on the size of the sterilizer chamber and/or depending on regional requirements or load in the sterilizer.
2. Position vials 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. After sterilization handle units with care and allow vials to cool down at least 10 minutes.
5. Crush the media ampoule by squeezing sides of the plastic vial. Check that the media has been released from the ampoule and the spore strips is in contact with the released media.
6. Place processed vials and one growth control in dry bath incubator (order-no. 74752) or appropriate incubation unit.
7. Incubate vials according the species' requirements

G. stearothermophilus	– STEAM / H ₂ O ₂ :	at 55 – 60°C	for 24 hours
B. atrophaeus	– EO:	at 30 – 35°C	for 48 hours
8. Begin monitoring after approx. 12 hours.

Color change towards yellow and/or Turbidity	= growth	= NOT sterile
Color change and no turbidity	= no growth	= sterile

Final negative results (no growth) can be made after 24 hours of incubation for STEAM and after 48 hours for EO.
9. Documentation of all results. Sterilize all bacteria cultures showing growth.

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

- Population and strain
- Resistance data: D-value (D_{STEAM} / D_{EO} / D_{H₂O₂}), Z-value
- Lot no., manufacturing date, expiry date

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

Storage: Dry at room temperature (10 – 38°C)
Expiry: 2 years from date of manufacture

04/09