

# BAG-BioCheck

Self-Contained Biological Indicators incl. Growth Media for Monitoring Sterilization Processes with STEAM, EO-Gas or H<sub>2</sub>O<sub>2</sub>

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

## Product features

BAG-BioCheck are composed of a polypropylene vial containing a bacterial spore disc and an ampoule containing growth media. BAG-BioCheck STEAM and BAG-BioCheck H<sub>2</sub>O<sub>2</sub> contain spores from *Geobacillus stearothermophilus*, BAG-BioCheck EO contains spores from *Bacillus atrophaeus*.



	Order-No.	Packaging unit
<b>BAG-BioCheck STEAM:</b>		
<i>G. stearothermophilus</i> , 10 <sup>5</sup>	7482	100
<i>G. stearothermophilus</i> , 10 <sup>6</sup>	7483	100
<b>BAG-BioCheck EO:</b>		
<i>B. atrophaeus</i> , 10 <sup>6</sup>	7484	100
<b>BAG-BioCheck H<sub>2</sub>O<sub>2</sub>:</b>		
<i>Geobacillus stearothermophilus</i> 10 <sup>6</sup> (use with pre-vacuum cycles, e.g. Sterrad <sup>®</sup> , only)	74901	25

## 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 disc 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 disc 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
 

<b>G. stearothermophilus</b>	– STEAM / H <sub>2</sub> O <sub>2</sub> :	at 55 – 60°C	for 24 hours
<b>B. atrophaeus</b>	– EO:	at 30 – 39°C	for 48 hours
8. Begin monitoring after approx. 12 hours.
 

Colour change towards yellow and/or Turbidity	= growth	= <b>NOT sterile</b>
Colour change and no turbidity	= no growth	= <b>sterile</b>

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<sub>STEAM</sub> / D<sub>EO</sub> / D<sub>H<sub>2</sub>O<sub>2</sub></sub>), Z-value
- Lot no., manufacturing date, expiry date

BAG biological indicators are manufactured and tested according to ISO 11138.

**Storage:** At room temperature (15 – 27 °C), 30-70% RH  
**Expiry:** 2 years from date of manufacture

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