



*SGM BIOTECH, INC.*

**EZTEST®**

**SELF-CONTAINED BIOLOGICAL INDICATORS**  
*For H<sub>2</sub>O<sub>2</sub> PLASMA STERILIZATION*

**7953<sup>(1)</sup> *G. stearothermophilus***

- EZTest H<sub>2</sub>O<sub>2</sub> Plasma BI contains a known quantity of 7953<sup>(1)</sup> *Geobacillus stearothermophilus* bacterial spores inoculated onto a stainless steel disc and placed inside a thermoplastic culture tube with a crushable glass ampoule containing the culture medium.
- Available for H<sub>2</sub>O<sub>2</sub> Plasma sterilization processes.
- The culture medium contains a color indicator that turns a yellow color in 24 hours when the spores grow.
- A chemical indicator on the cap filter changes from blue to pink when exposed to the sterilant.
- The EZTest H<sub>2</sub>O<sub>2</sub> Plasma biological indicator is available in a 10<sup>5</sup> population for use in lumens or process challenge devices (PCD), and a 10<sup>6</sup> population for stand alone testing.

**Instructions for Use:**

1. Place the EZTest biological indicator in a horizontal position in the most difficult to sterilize location of the load.
2. Place a sufficient number of EZTest biological indicators throughout the load to be sterilized. NOTE: This number will vary depending on the regulations being met but never less than two is recommended.
3. Expose the load to the sterilization cycle.
4. Following exposure, remove the EZTest biological indicators from the load.
5. After sterilizing, send test units to the test laboratory each day along with at least one non-sterilized unit marked POSITIVE CONTROL.

<sup>(1)</sup> Culture is traceable to a recognized culture collection identified in USP and ISO 11138.

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6. Crush the glass culture medium ampoule using a SGM crusher to activate the culture medium.
7. Place in appropriate incubator at 55-60°C for 24 hours.
8. If the spores survive the sterilization cycle, the culture medium will turn yellow (positive).
9. If the spores have been killed, the culture medium will remain the purple color.

### EZTest H<sub>2</sub>O<sub>2</sub> Plasma Advantages:

- Convenient to culture.
- Dramatic color change for positive cultures.
- Results are final in 24 hours.
- No special laboratory is necessary for culturing.

### Certification:

EZTest H<sub>2</sub>O<sub>2</sub> Plasma biological indicators are certified for population and D-value performance.

EZTest H<sub>2</sub>O<sub>2</sub> Plasma biological indicators are manufactured in compliance to ISO-11138-1.

### EZTest Biological Indicators are available as follows:

EZTest H <sub>2</sub> O <sub>2</sub> Plasma		
Spore	Units per box	Reorder Number
<i>G. stearothermophilus</i> 10 <sup>5</sup>	100	EZH/5
<i>G. stearothermophilus</i> 10 <sup>6</sup>	100	EZH/6

**Storage:** Room Temperature. Do Not Desiccate.

**Expiration:** 15 months from date of manufacture

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