

# Propper Manufacturing Company

## Duo-Spore® Biological Indicator System

Biological monitoring is recommended weekly, but preferably daily and with every load containing implants.<sup>1</sup> **Duo-Spore® Biological Indicator** is used to monitor the efficacy of steam, ethylene oxide gas, and dry heat sterilization processes.

### Duo-Spore® Biological Indicator Strips<sup>2</sup>

Duo-Spore Biological Indicator Strips are prepared from suspensions of *Geobacillus stearothermophilus* and *Bacillus atrophaeus*, encased in peel-open glassine pouch. The glassine pouch allows for exposure of the enclosed strip to the sterilant without the risk of contamination, allowing for worry-free transfer to culture media after cycle completion.

*Bacillus atrophaeus*: ATCC9372, Spore Population 1.7-5.0 x 10<sup>6</sup>  
*Geobacillus stearothermophilus*: ATCC12980, Spore Population 1.7-5.0 x 10<sup>6</sup>

Duo-Spore Biological Indicator Strips are certified for Survival/Kill, Species, Population, D-value and Z-value (when appropriate).



<sup>1</sup>AAMI ST-79: 2017

<sup>2</sup>Duo-Spore® media is manufactured in accordance with U.S. Pharmacopeia Guidelines.

### Duo-Spore® Culture Media

Propper manufactures ready-to-use modified Tryptic Soy Broth culture media which is specially formulated for use with biological indicators. Media features a high spore recovery rate, providing for a more dependable test. After incubation a red-orange color indicates no spore growth and a passed indicator test, yellow color indicates bacterial growth and a failed test.

### Duo-Spore® With Culture Service

Propper Manufacturing Mail-in Culture Service Program offers the ability to avoid incubating Indicator Strips at your facility. This done-for-you services provides biological indicator results in our secure online portal after 48 hour incubation period.

Each test envelope contains 2 test strips and 1 control strip in two color-separated pouches to make biological testing easy and accurate.



Reorder No.	Culture Service	Product Description
26909200	Y	1 Test Envelope (2 Test & 1 Control)
26909300	Y	4 Test Envelopes (2 Test & 1 Control)
26909400	Y	12 Test Envelopes (2 Test & 1 Control)
26909500	N	12 Test Envelopes (2 Test & 1 Control)
26906500	N	25 Test Envelopes (2 Test & 1 Control)
26909600	N	100 Spore Strips
26909700	N	500 Spore Strips
26904700	N	1000 Spore Strips
26904800	N	1000 Control Strips
26910600	N	25 Spore Strips + 25 Media Tubes
26910700	N	25 Media Tubes
26910800	N	100 Media Tubes



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