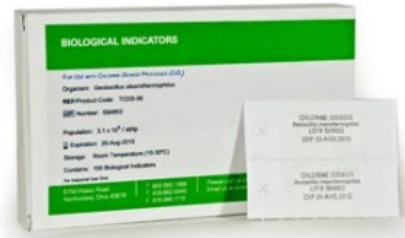


## CD Biological Indicators

Biological indicators are used for verification of the efficacy of a decontamination or sterilization process. For chlorine dioxide sterilization cycles, biological indicators are chosen with  $10^6$  populations of either *Geobacillus stearothermophilus* or *Bacillus atrophaeus* spores inoculated on paper strips and wrapped in Tyvek for their high resistance to the chlorine dioxide (CD) decontamination process.



Biological indicators can be used for initial validation or as part of ongoing cycle verification procedures. Biological indicators can be placed out in the open or in more challenging areas to test the distribution and penetration properties of CD gas.

Upon decontamination cycle completion, the BIs are removed and incubated for 36 hours. Because of the Tyvek pouch, the biological indicators can be left in the pouch during the exposure phase of your decontamination cycle and are removed and incubated after the aeration phase of the procedure. BI results can be kept as part of your facility log to provide documented evidence that the decontamination process was successful.

**General Use:** Please follow instructions provided with each bag of biological indicators.

**Storage:** Controlled, room temperature (15-30°C).

Product Number	Description
BI-S-N/100-001	100 <i>Geobacillus stearothermophilus</i> BI's
BI-A-M/100-001	100 <i>Bacillus atrophaeus</i> BI's



“The Chlorine Dioxide People”

Providing you with chlorine dioxide solutions for your decontamination needs

## CD Biological Indicator Media

ClorDiSys Solutions, Inc. offers BI Media for use with either *Geobacillus stearothermophilus* or *Bacillus atrophaeus* biological indicators. All BI Media is incubated upon receipt for quality control against contaminated media vials. This allows for greater confidence in final BI results. The BI results can be kept as part of your facility log to provide documented evidence that the decontamination process was successful.

To use, simply place the BI strip aseptically in the media, incubate, and look for growth. These media tubes exhibit a color change in the presence of microbial growth for easier reading of results.



**General Use:** Please follow instructions provided with each bag of media and biological indicators.

**Storage:** Controlled, room temperature (15-30°C).

Product Number	Description
BI-S-MED/100-001	100 Culture Medium (Soybean Casein Digest Broth) for <i>Geobacillus stearothermophilus</i> spores.
BI-A-MED/100-001	100 Culture Medium (Soybean Casein Digest Broth) for <i>Bacillus atrophaeus</i> spores.