



HPV DISC™
SPORE DISC BIOLOGICAL INDICATORS
For Monitoring
Hydrogen Peroxide Vapor for Isolator Sterilization

7953⁽¹⁾ *G. stearothermophilus*

- HPV disc contains 10⁶ spores inoculated onto a stainless steel disc and packaged in a Tyvek® Mylar envelope.

Instructions for Use:

1. Place the HPV disc in the most difficult to sterilize locations within the isolator which should include locations in and around equipment inside the isolator.
2. A minimum of 10 units per test is commonly used.
3. Expose the load to the sterilization and aeration cycle according to your documented procedures.
4. Following aeration, remove the HPV discs from the isolator using aseptic transfer techniques. Transfer the spore discs to the laboratory for culture.
5. In the laboratory: Using strict aseptic techniques and working in a Class 100 certified workstation, transfer each biological indicator to an appropriate tube of culture medium (Soybean casein digest broth).
6. Incubate the disc for seven days at 55-60°C.
7. Read the culture tubes daily.
8. If the spores survive the sterilization cycle, the culture medium will become turbid and cloudy. NOTE: Verify all positive cultures microscopically for gram positive, spore forming rods. Biochemical characterization is not necessary.
9. Record test results.
10. Autoclave all positive samples prior to disposal.

HPV Disc Advantages:

- Carrier material does not absorb or react to HPV
- Peel-open Tyvek envelope

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

Certification:

HPV Disc biological indicators are certified for population, and D-value.

HPV Disc Biological Indicators are available as follows:

	Units per box	Cat No.
<i>G. stearothermophilus</i> 10 ⁶	100	HPVD/6

Storage: Room temperature

Expiration: 15 months from date of manufacture

Rev. 4
Date: 10/31/06
SGM Part #: 7808