

# 3M™ Attest™ Rapid Readout Biological Indicator System

Designed for STERRAD® 100NX® System, STERRAD® NX® System, and STERRAD® 100S System Vaporized Hydrogen Peroxide Sterilizers

The 3M™ Attest™ Rapid Readout Biological Indicator System is designed for use with STERRAD vaporized hydrogen peroxide sterilizers\* and is FDA cleared for use. The process to obtain FDA clearance requires rigorous testing, which includes a disclosure of the system's materials and components. The 3M™ Attest™ Biological Indicator system is proven to be safe and effective.



\*STERRAD® NX®, STERRAD® 100NX®, and STERRAD® 100S

## VH<sub>2</sub>O<sub>2</sub> Biological Indicator System Side-by-Side Comparison

A biological indicator (BI) is the only type of monitor that provides direct evidence that sterilization process conditions are sufficient to kill spores. BIs contain bacterial spores that are the most resistant to the type of sterilization process you are monitoring.

	3M™ Attest™ Rapid Readout Biological Indicator	ASP® STERRAD® CYCLESURE 24	Important Considerations
<b>FDA Cleared</b>	Yes	Yes	All materials and components are disclosed to the FDA.
<b>Time to Final Result</b>	4 hours	24 hours <sup>1</sup>	Process speed allows time to act on final result.
<b>Readout</b>	Automated display with +/- readout on the 3M™ Attest™ Auto-reader 490H	Visual, subjective, purple to yellow color change and/or turbidity <sup>1</sup>	Easy to read and interpret results to help reduce the risk of error.
<b>Organism</b>	<i>Geobacillus stearothermophilus</i>	<i>Geobacillus stearothermophilus</i>	Utilizes the same indicator organism as recommended by the FDA.
<b>H<sub>2</sub>O<sub>2</sub> Concentration</b> <i>Estimated sterilizer chamber levels across all models 6-26mg/L</i>	10 mg/L	2.5 mg/L <sup>2</sup>	A stronger concentration of H <sub>2</sub> O <sub>2</sub> corresponds to an increased challenge, that is a closer representation of sterilization cycle exposure concentrations.  <i>3M™ Attest™ Product release testing is conducted at 4X higher concentration of H<sub>2</sub>O<sub>2</sub>.</i>
<b>Typical Kill Time</b>	7 minutes	60 seconds <sup>2</sup>	Maximum time required to inactivate all the spores.  <i>A longer time and higher concentration corresponds to a stronger challenge and is a closer representation of sterilization cycle exposure times.</i>  <i>3M™ Attest™ Product release testing is conducted at 4X higher concentration of H<sub>2</sub>O<sub>2</sub>.</i>

Data current as of November 2016

## VH<sub>2</sub>O<sub>2</sub> Biological Indicator System Side-by-Side Comparison

	3M™ Attest™ Rapid Readout Biological Indicator	ASP® STERRAD® CYCLESURE 24	Important Considerations
<b>Shelf Life</b>	24 months	12 months <sup>3</sup>	Inventory management to ensure adequate turnover.
<b>Instrument Tracking Connectivity</b>	<ul style="list-style-type: none"> <li>• Censis (Censitrac®)</li> <li>• Getinge (T-DOC)</li> <li>• Haldor (ORLocate®)</li> <li>• Microsystems (SPM®)</li> </ul>	Feature not available	Automation of biological indicator results and other important load information can help avoid documentation errors.
<b>Sterilization Monitoring Technical Support</b>	Free technical support by phone, on-line, and education courses	Charges may be incurred if the failing monitoring product was not an ASP product. Refer to your own facility service agreement.	Support and education are fundamental to sterilization assurance.

Data current as of November 2016

## Expertise in Sterilization Assurance Side by Side Comparison

	3M™ Attest™ Rapid Readout Biological Indicator	ASP® STERRAD® CYCLESURE 24	Important Considerations
<b>Sterilization Monitoring Experience</b>	Rapid Readout technology has been used for almost 25 years to monitor over 850 million cycles worldwide across sterilization modalities.	Estimated 10 years of experience with only STERRAD CYCLESURE 24 BI. Limited monitoring experience with other sterilization modalities.	The depth of experience and range of knowledge of the manufacturer of your sterilization monitoring products combined, with easy access to expert technical support, are key to your facility's successful sterility assurance program.

Data current as of November 2016

**Questions?** Contact a 3M Sterilization Technical Service Expert 800.228.3957

### Quick links:

- ▶ [Download the reference guide about published standards and guidelines.](#)
- ▶ [Visit go.3M.com/VH2O2](http://go.3M.com/VH2O2) for more information.

### Sources

1. ASP STERRAD CYCLESURE 24 Biological Indicator product instructions for use (101011-06, © 2004-2015).
2. ASP STERRAD CYCLESURE 24 Biological Indicator Certificate of Performance (multiple lots, expirations from 2010-2017).
3. ASP STERRAD CYCLESURE 24 Biological Indicator product packaging (112413-01, © 2007-2015).



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