3M™ Attest™

Sterilization Solutions
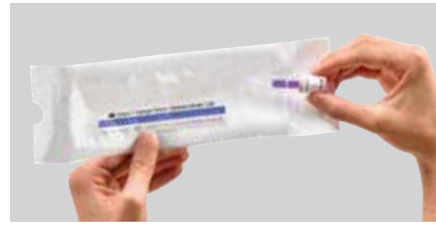
HEALTHY MEDICAL 健本醫療用品有限公司

STEAM   VH2O2

3M™ Attest™ Mini Auto-reader 490M System*
Quick Reference Guide

VH2O2 BI Preparation and Use

1 Inspect
Remove BI from pouch and reseal. Verify media ampoule is intact and indicator stripes on cap are blue.

2 Pouch
Place BI and chemical indicator (CI) in peel pouch indicated for use in vaporized hydrogen peroxide (VH2O2) sterilization processes.

3 Process
Seal pouch and place in sterilizer with white side facing up. Process load as recommended by sterilizer manufacturer.

4 Identify
After completion of cycle, inspect and verify media ampoule is intact and indicator stripes on cap have turned towards pink. Identify the BI by writing on the label.

STEAM and VH2O2 BI Activation and Incubation

1 Crush
Squeeze BI in activator to close cap and crush media ampoule.

2 Flick
Remove BI and flick wrist to ensure media flows to growth chamber.

3 Inspect
Verify media has transferred to BI growth chamber at the vial bottom.
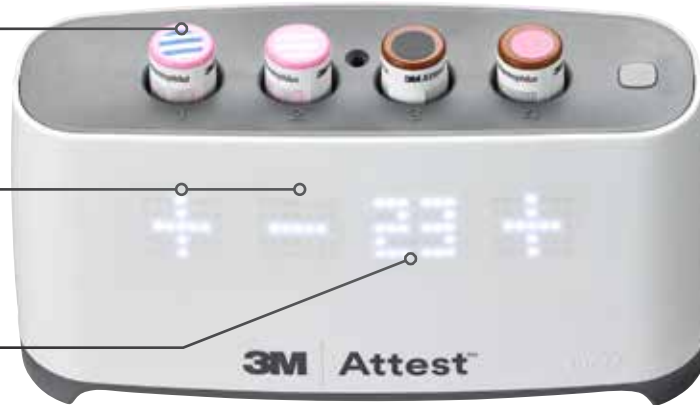
4 Incubate
Place activated BI in any well. Display shows remaining minutes of incubation or test results.

DO NOT REMOVE BI until the (+) or (-) symbol indicates the test is complete.

3M™ Attest™ Mini Auto-reader 490M

Positive Control BI
For both Steam and VH2O2, each day a processed BI is incubated, activate and incubate an unprocessed BI as a positive control. The control BI should be from the same lot code as the processed BI.

Results After Incubation
Control BI: Positive (+) **Acceptable**
Processed BI: Negative (-) **Acceptable Sterilization**
Processed BI: Positive (+) **Failed Sterilization**

Remaining Incubation Minutes

NOTES:
- Activate and incubate 1295 BI within 1 hour of completion of the VH2O2 sterilization cycle.
- Gloves are recommended when activating 1295 BI.
- Allow 1491 and 1492V BIs to cool 10 minutes prior to activation.

Interpretation of 3M™ Sterilization Assurance Core Products

STEAM Indicator	Unexposed		Acceptable Exposed	
3M™ Attest™ BI 1491 and 1492V	1491	1492V	1491	1492V
	After processing, indicator on cap turns light brown or darker.			
3M™ Comply™ Indicator Tape 1322				
	After processing, indicator stripes turn dark-brown/black.			
3M™ Comply™ Indicator Tape 1355				
	After processing, indicator stripes turn dark-brown/black.			

VH2O2 Indicator	Unexposed	Acceptable Exposed Color Range		
3M™ Attest™ BI 1295				
	After processing, indicator stripes turn toward pink.			
3M™ Comply™ Indicator Tape 1228				
	After processing, indicator stripes turn toward pink.			
3M™ Comply™ Chemical Indicator 1248				
	After processing, the blue bar changes to the color of the color match or pink.			

STEAM Indicator	Unprocessed	Acceptable Processed PASS		Unacceptable Processed FAIL	
3M™ Attest™ Steam Chemical Integrator 1243					
		After processing, indicator bar crosses into the ACCEPT region.		If the color bar is in the REJECT region or on the line, it is considered a fail.	
3M™ Comply™ Bowie-Dick Plus Test Pack 00135LF 3M™ Comply™ Early Warning Test Sheet (above) 3M™ Comply™ Bowie-Dick Test Sheet (below)		PASS	FAIL	FAIL	FAIL
		When indicator ink circle on Early Warning Test sheet is lighter than the color standard, this may indicate that sterilizer maintenance should be scheduled.			
		PASS	PASS	FAIL	FAIL
		After processing, a uniform color change to dark brown/black is a pass.		Fail result is indicated by a non-uniform color development, with a lighter colored area, usually near the center.	

*Refer to 3M™ Attest™ Mini Auto-reader 490M Operator Manual and 3M™ Attest™ Biological Indicator 1295, 1491 and 1492V Instructions for Use for complete instructions and other important information. Refer to the indications for use provided in the biological indicator Instructions for Use. The indications for use should align with the sterilization cycle to be monitored. Refer to the Instructions for Use for complete instructions and other important information related to the use of all other 3M products included in this Guide.

Health Care Help Line 1-800-228-3957   STEAM   VH2O2   EO   **Learn more about 3M™ Sterilization Assurance products at go.3M.com/sterilization**