

# BI Activation

VH2O2



- 1 Activate**  
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 vial bottom.



- 4 Place**  
Place activated BI in well. Observe LCD panel to confirm BI is correctly seated.

## Caution/Error Code Reference\* for 3M™ Attest™ Auto-reader 490H

Code	Problem	Solution
C1	Incubation block not at temperature	Allow a 30-minute warm-up after Auto-reader is plugged in.
C2	BI removed before incubation complete	Replace BI in same well within 10 seconds to prevent loss of collected data.
C4	Ambient light caution	Move Auto-reader away from sunlight or incandescent light.
E1	Temperature control error	Unplug unit and plug back in to clear error. If error doesn't clear, call for repair or replacement.
E3	Memory error — unable to save data	Unplug unit and plug back in to clear error. If error doesn't clear, call for repair or replacement.
E7	Communications error	Unplug unit and plug back in to clear error. If error doesn't clear, call for repair or replacement.
E8	LED error	Unplug unit and plug back in to clear error. If error doesn't clear, call for repair or replacement. Do not use affected well.
E11	BI inserted incorrectly	Remove BI and inspect to verify cap is fully depressed, ampoule is crushed and media is in growth chamber. If necessary, repeat activation steps as illustrated above.
E12	Power failure error	Ensure power supply connection to Auto-reader is secure. Retest sterilizer with a new BI.
E14	Ambient light error (occupied well) Fluorescent result will not display	Rely on optional visual pH color change result for BI in affected well. Move Auto-reader away from sunlight or incandescent light to avoid future occurrences. Remove BI, then unplug unit and plug back in to clear error.

\*Refer to Operator's Manual for full listing of caution/error codes. For troubleshooting help, call 3M service at 1-800-292-6298.