



Steam Biological Test Pack with Instant Readout Integrator

REF BI 103, BI 103/10 & BI 103/30

Directions For Use

INDICATIONS FOR USE

SteriTec Biological Test Pack with Instant Readout Integrator is a steam sterilization monitor designed specifically for biological testing of pre-vacuum steam sterilizers operating at 132° C (270°F) for 3 minutes or longer. The Instant Readout Integrator Record Card gives the operator a prediction of the biological test outcome.

COLOR CHANGE

Biological Media: Purple to Yellow

Biological Vial Chemical Indicator: Blue to Black

Record Card: Purple to Green

INSTRUCTIONS FOR USE

1. Load the sterilizer as normal.
2. Place the test pack flat on the lowest shelf near the door.
3. Process the load, normal cycle.
4. Remove the pack from the sterilizer and allow to cool at room temperature for 15 minutes.
5. Open the pack and remove the biological indicator. Incubate at 55° – 60° C for 24 hours.
6. Remove and examine the Instant Readout Integrator card.
7. When the chemical integrator - "PASS" – changes color from purple to green, it indicates correct exposure conditions of temperature, time and steam. Biological spores should be killed under the same exposure conditions.
8. Incubate biological indicators 24 hours at 55° – 60° C for final sterilization verification.

INCUBATION

Any microbiological incubator that is adjusted for 55 - 60° C will satisfy the incubation conditions for the EZTest®. To activate the media, place the indicator in an upright position in a plastic crusher. Gently squeeze the crusher to break the glass ampule. Place the activated indicator in the indicator rack and incubate immediately.

DISPOSAL

Dispose of all used biological indicators in accordance with your institution's policy. Incinerate or autoclave any positive cultures at 121° C (250° F) for no less than 30 minutes.

INTERPRETATION

Instant Readout Integrator Card: An Integrator card printed with a chemical integrator is contained within the test pack to demonstrate that the test pack was exposed to proper sterilization conditions of steam, time, and temperature. If the chemical integrator – "PASS" - is PURPLE, it has not been exposed to the proper conditions. If the indicator is GREEN, the pack has been exposed to proper sterilization conditions and therefore, biological kill should be achieved. Record the appropriate data on the Integrator card.

Biological Indicator: During incubation, examine the biological indicator at regular intervals (i.e. 8, 12, 18, 24 hours) for signs of color change. If indicator growth media changes to YELLOW, the biological spores have survived and the load is NOT sterile. If the indicator growth media remains PURPLE, the spores were exposed to proper sterilization conditions.

Use of Controls: Biological indicators are supplied with each case of test packs for use as positive controls. Activate and incubate an unexposed control indicator with every sixth test pack run. Examine the positive indicator at 18 and 24 hours. The yellow color is evidence of bacterial growth and verifies viable biological indicator use. Record the results. Dispose of indicators as instructed above.

SAFETY PRECAUTIONS

CAUTION: *the test pack will be hot and should be opened carefully to avoid thermal injury.*

STORAGE

Store at normal room temperature 50°- 100° F(10°-38° C) 10-70% R.H. Do not store near sterilants or other chemicals.

EXPIRY DATE

The expiry date is printed on the product packaging.

LOT NUMBER

A unique identification code, LOT, is printed on each Record Card, Biological Indicator label, and packaging/boxing labels.

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DF-026 Rev. N