

Biological Indicators

Self-Contained Biological Indicators

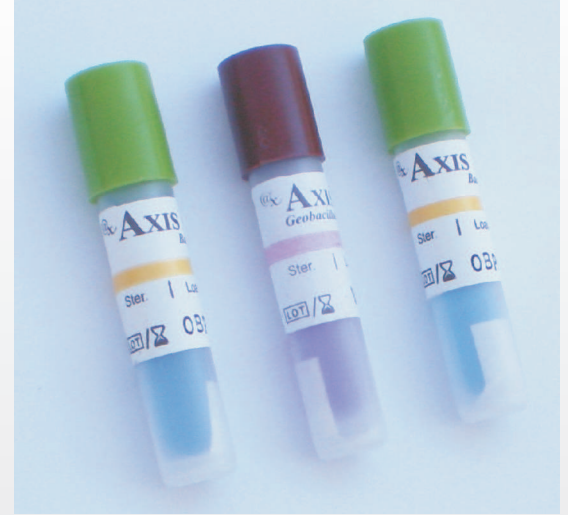
Axis® self contained biological indicators were developed to control steam, dry heat, ethylene oxide, plasma and formaldehyde sterilization processes. Biological indicators contains bacterial spores on a filterpaper carrier packaged within a plastic tube. Inside the tube is a sealed-glass ampoule of specially-formulated culture medium containing a color indicator which turns to a dramatic yellow when spores grow. Bionova biological indicators produces visual results within 24 hours (steam, hydrogen peroxide, or formaldehyde) or 48 hours (ethylene oxide and moist heat).

The biological indicators could be fit into the sterilization chamber with the materials to be sterilized in an appropriated package according to the sterilization practice.

After the incubation, a color change to yellow of the indicator media means a sterilization process failure and the sterilizer or the sterilization condition must be review. A positive control indicator ensure that the correct incubation conditions were met.

Axis® biological indicators are certified for species, population, purity, resistance, (D value, Z value and survival/kill data).

Axis® biological Indicators are developed and manufactured under ISO 13485:2003 certificated system. The quality parameters are determinated at time of manufacture according to ISO.



Axis® Self-Contained Biological Indicators are tested in Biological Indicators Evaluator Resistometers (BIERs) ,according to ISO 11138 standard.

Code	Organism	Process	Packing
AX 10	<i>B. atrophaeus</i>	Ethylene Oxide	100 pcs.
AX 20	<i>G. stearothermophilus</i>	Steam	100 pcs.
AX 30	<i>B. atrophaeus</i>	Dry Heat	100 pcs.
AX 80	<i>B. atrophaeus</i>	Moist Heat	100 pcs.
AX 90	<i>G. stearothermophilus</i>	Plasma	100 pcs.
AX 100	<i>G. stearothermophilus</i>	Formaldehyde	100 pcs.