

Biological indicator EF for the reprocessing of endoscopes

Product information

Field of application: EF is a biological indicator designed for the validation and routine monitoring of cleaning and disinfection processes (> 35 °C) for flexible endoscopes.

Features: EF indicators contain populations of *Enterococcus faecium* and are contaminated with test soil according to ISO 15883-5.

Conformity: Biological indicator EF in compliance with the requirements of ISO 15883-5, Annex I.

Specification:
*Organism: **Enterococcus faecium***
*Mean population (cfu): **10⁹***
*Protein content: **> 5.000 µg / carrier***
*Carrier material: **Stainless steel carrier V4A***
*Primary packaging: **paper / foil***
*Organic burden: **sheep blood and additives***
*Shelf life: **3 months from the date of manufacturing***

Storage: + 4 °C to + 8 °C

Disposal: After the disinfection process, dispose of with domestic waste.

Minimum order quantity: 5 pcs

Order no.: BI-EF-14051

Example of use:

1. For the performance assessment of reprocessing procedures for flexible endoscopes, take the biological indicators out of their pouches and place them at representative spots in an endoscope dummy or a PCD. Other indicators should be placed in the small parts basket.
Use one indicator for verifying the growth performance after transport and shipping. Do not process this control indicator!
2. Once the indicators have been fastened, sanitize your hands.
3. Select the disinfection program. Start the program.
4. When the disinfection process is finished, aseptically remove the indicators. In case there are no sterile tweezers available, use sterile one-way gloves.
5. Place the indicators in numbered sterile plastic tubes and cap them.
6. Incubation: 4 days at 35 °C ± 2 °C (e.g. incubate with an *Enterococcus* selective nutrient medium).
7. Daily check all tubes for growth of the test organism.
8. Note down the results. The results are only valid if the growth control shows typical growth.