

Anaer indicator

Anaerobic atmosphere indicator

SUMMARY AND EXPLANATION

The Anaer indicator reagent consists of strips, indicating an anaerobic atmosphere, for use in incubation jars.

These strips enable to check that the anaerobic reaction has taken place and was maintained throughout the incubation period.

PRINCIPLE

The plastic strips have an active blue reaction zone at one end.

This zone is impregnated with a dye (methylene blue) and a reducing agent.

The blue oxidized form of the methylene blue dye is converted, in an oxygen-free atmosphere, into leucomethylene blue (colorless).

Once in the presence of oxygen, leucomethylene blue returns to its oxidized form (blue).

CONTENT OF THE KIT

96 118	50 strips 1 package insert
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COMPOSITION

Methylene blue – Reducing agent - Stabilizer

POSSIBLE ADDITIONAL REAGENTS

- GENbox Jar 2.5 l (Ref. 96 127)
- GENbox Jar 7.0 l (Ref. 96 128)
- GENbox anaer (Ref. 96 124)
- GENbag anaer (Ref. 45 534)

WARNINGS AND PRECAUTIONS

- **For professional use only.**
- Do not use reagents past the expiration date.
- Do not touch the reaction zone of the strips.
- Only remove the required number of strips. Immediately re-close the tube.
- Use a new strip each time the incubation jar is opened.

STORAGE CONDITIONS

- **Store the strips at 15-25°C in their box until the expiration date.**
- **Store in a dry place, away from humidity.**

INSTRUCTIONS FOR USE

1. Remove a strip from the tube.
2. Moisten the reaction zone of the strip (blue) with one drop of purified water.
3. – with GENbox, place the material to be incubated and the strip in the jar, making sure the strip is visible and is only in contact with the surrounding atmosphere. Open the protective aluminum sachet of GENbox anaer and place it immediately in the jar before hermetically closing,
- with GENbag, place the material to be incubated and the strip in the bag. Make sure that the strip is only in contact with the surrounding atmosphere. Open the protective aluminum sachet of GENbag anaer, place it in the bag and immediately seal the bag with the clip.

READING AND INTERPRETATION

In an anaerobic atmosphere, the reaction zone becomes colorless after 4 to 6 hours.





LIMITATIONS OF THE METHOD

- When using generators other than GENbox or GENbag, follow the manufacturer's instructions.

WASTE DISPOSAL

It is the responsibility of each laboratory to handle waste and effluents produced according to their nature and degree of hazardousness and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.

INDEX OF SYMBOLS

Symbol	Meaning
	Temperature limitation
	Use by
	Batch code
	Store in a dry place

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