MGC

AnaeroPack™ System

Pack-Anaero (No.10-01)

USE / PRINCIPAL: The Pack-Anaero is a single-use disposable anaerobic gas generating system. It is designed to produce conditions suitable for the cultivation of anaerobic micro-organisms **without** the use of water and catalyst. Each individual sachet is sufficient for use in an anaerobic jar of approximately 2.5 liters volume. The atmospheric oxygen in the jar is rapidly absorbed with the simultaneous generation of carbon dioxide. This method differs from other generating systems in that the reaction proceeds **without hydrogen, thus eliminating the need for a catalyst.** In addition, **no water** is needed to activate the reaction.

MATERIALS:

Each box contains 20 individually sealed Pack-Anaero sachets
Product Information Sheet

ACTIVE INGREDIENT: Ascorbic Acid

STORAGE: Store at 2–25°C. Under proper storage conditions Pack-Anaero sachets will retain their reactivity to the expiration date printed on the outer box. Avoid direct sunlight and excessive temperatures.

PRECAUTIONS:

This product is for *in-vitro* use only.
Discard sachet after reaction is complete (when cool).
DO NOT use if outer foil is damaged or open in any manner.
Avoid direct sunlight and excessive temperatures.
DO NOT stack sachets when using more than one.
DO NOT open jar until incubation is complete.

INSTRUCTIONS FOR USE:

1. Place the inoculated plates into the Pack-Rect. Jar. Use 1 sachet for the 2.5 L Pack-Rect.Jar (No.50-25) and 3 sachets for the 7.0 L jar (No.50-70). DO NOT stack sachets.
2. Initiate the activation by tearing open the Pack-Anaero at the tear mark on the outer foil. Remove the paper sachet and place into compartment B of the Pack-Rect. Jar.
   Optional: Place an Anaero-Indicator (No.30-01) **(not included)** in compartment C of Pack-Rect. Jar.
3. Close the jar immediately. (The time between opening the sachet and sealing the jar should not exceed one minute.)
4. After incubation, remove the sachet (and indicator if used) and discard in a proper waste container. If the plates require additional incubation, repeat the above steps.

QUALITY CONTROL: Quality Control testing should be performed periodically using the following anaerobic organisms:

Clostridium novyii ATCC 9690 growth
Bacteroides fragilis ATCC 25285 growth

DISPOSAL: Upon removal from the jar, the Pack-Anaero sachet may retain a small amount of reactivity and remain warm for a short period of time. The sachet should be allowed to cool to room temperature prior to disposal in a proper waste container.

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