

Anaerocult® C

Anaerocult® C is used to generate an oxygen-depleted and CO₂-enriched atmosphere in a 2.5 litre anaerobe jar for culturing *Campylobacter* species and other microorganisms with fastidious requirements (e.g. *Neisseria* species, *Capnocytophaga* species, *Eikenella corrodens*, *Haemophilus* species). Concentrations of about 8–10 % by volume CO₂ and 5–7 % by volume oxygen are attained.



In Vitro Diagnostic Medical Device –

For professional use only



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Merck KGaA, 64271 Darmstadt

*See also General Instruction for Use
„How to use Dehydrated Culture Media“*

*For MSDS, warnings and precautions see our website:
www.merck-chemicals.com*

Principle

Microbiological method.

Mode of Action

Following addition of 6 ml of water a defined quantity of oxygen is chemically bound to the finely distributed iron powder while at the same time CO₂ is evolved from sodium carbonate.

Typical Composition

Kieselguhr
Iron powder
Citric Acid
Sodium Carbonate

The chemical mixture inside the sachet contains free crystalline silica. In case of damage to the sachet do not inhale dust. Repeated inhalations can cause severe harm to health. Contact with eyes may cause irritations.

Experimental Procedure

Anaerocult® C is put into the anaerobic jar (Cat. No. 1.16387.)

See also General Instruction of Use.

Place the inoculated Petridishes into the anaerobic jar (use dishes with spacers).

Gently shake an Anaerocult® C bag on the flat of the hand and evenly add 6 ml of water to the printed side.

Immediately place the Anaerocult® C bag vertically in the anaerobic jar.

Close the jar tightly and place in the incubator.

Storage

Seal tightly and protect from moisture.

Recommended storage temperature: +15 °C ↔ +25 °C.

Ordering Information

Product	Ordering No.	Pack contents
Anaerocult® C	1.16275.0001	25 Anaerocult® C
Anaerobic jar	1.16387.	