

IVD in vitro diagnosticum - For professional use only



Anaerocult® C

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**Cat. No. 1.16275.0001
(10 Pieces)**

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

See also General Instruction of Use

Warnings and precautions see 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 (g/litre)

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

Preparation and Storage

Cat. No. 1.16275.0001 Anaerocult® C

Seal tightly and protect from moisture

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

Experimental Procedure and Evaluation

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

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.

