



# Anaerocult® C mini

Gas generator system for the incubation of one or two petridishes in a low-oxygen, high-CO<sub>2</sub> atmosphere.

## Principle

Microbiological method

## Mode of Action

Anaerocult® C mini contains components which are able to chemically bind a precisely determined proportion of the oxygen in the special incubation bag and to release a defined quantity of CO<sub>2</sub>. This produces a low-oxygen, high-CO<sub>2</sub> atmosphere.

## 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

1. Anaerocult® C mini is placed in the special incubation bag with one or two Petridishes. If it is only intended to incubate one inoculated petridish, please insert a further non-inoculated petridish to enable the system to work as intended.
2. Insert one or two Petridishes in the special incubation bag.
3. Moisten Anaerocult® C mini with 3 mL of water.
4. Immediately insert Anaerocult® C mini in the special incubation bag.
5. Seal the special incubation bag with a foil sealing device, preferably making 2 seams about 1 cm from the mouth of the bag.

## Storage

- Seal tightly and protect from moisture (seal the plastic bag well after removing Anaerocult® C mini)
- Recommended storage temperature: 15 °C to 25 °C.

## Ordering Information

Product	Ordering No.	Pack contents
Anaerocult® C mini	1.32370.0001	25 Anaerocult® C mini 25 special incubation bags
Anaerotest®	1.32371.0001	50 strips
Petri-dish rack	1.07040.0001	For up to 12 petri dishes

## To place an order or receive technical assistance

Order/Customer Service:  
**SigmaAldrich.com/order**

Technical Service:  
**SigmaAldrich.com/techservice**

**SigmaAldrich.com/anaerocult**