



Anaerocult® A mini

Gas generator system for the incubation of one to four petridishes in an anaerobic atmosphere for the cultivation of obligate and facultative anaerobes.

Principle

Microbiological method

Mode of Action

Anaerocult® A mini contains components which chemically bind oxygen quickly and completely, creating an oxygen free (anaerobic) environment and a CO₂ 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. Moisten the reaction zone of the Anaerotest® strip with water.
2. Stick the Anaerotest® strip on to the lid of the inoculated Petridish (the reaction zone must point downwards and hang freely in the open space).
3. Place Anaerocult® A mini into a special incubation bag.
4. Moisten Anaerocult® A mini with 8.0 mL of water.
5. Place the petridishes immediately into the special incubation bag and close with Anaeroclip® or seal with an ordinary plastic welder (it is advisable to seal with a double weld)*.

6. The bag must be welded closed approx. 2 cm from the opening.

* Anaerobiosis is indicated by the colour change of the Anaerotest® strip from blue to white after about 4 hours.

Storage

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

Ordering Information

Product	Ordering No.	Pack contents
Anaerocult® A mini	1.32369.0001	25 Anaerocult® A mini 25 special incubation bags
Anaerotest®	1.32371.0001	50 test stripes
Petri-dish rack	1.07040.0001	For up to 12 petri dishes
Anaeroclip®	1.14226.0001	25 Anaeroclip®

To place an order or receive technical assistance

Order/Customer Service:

SigmaAldrich.com/order

Technical Service:

SigmaAldrich.com/techservice

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