

# Anaerocult® IS

A gas generating system for the anaerobic incubation of identification systems and susceptibility test.



*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](http://www.merck-chemicals.com)*

## Principle

Microbiological method.

## Mode of Action

Anaerocult® IS contains components that chemically bind any oxygen present within a short space of time and also release carbon dioxide thus creating an anaerobic 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 the eyes may cause irritations.

## Experimental Procedure

Anaerocult® IS is placed in the special incubation bag together with the agar identification system or 1-2 microtitre plates and the anaerobiosis indicator Anaerotest® (Cat. No. 1.15112).

See also General Instruction of Use.

Moisten the reaction zone of Anaerotest® with water and stick the anaerobiosis indicator on to the identification system or microtitre plate (the reaction zone must hang freely in the open space). Place the identification system (e.g. Api 20 A\*) or microtitre plate (for an identification/susceptibility test) in the special incubation bag.

Moisten Anaerocult® IS with 6 ml water.

Place the moistened Anaerocult® IS immediately in the special incubation bag.

Seal the special incubation bag with a foil sealing device (it is advisable to make 2 seals)\*\*.

\* 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® IS).

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

## Ordering Information

Product	Ordering No.	Pack contents
Anaerocult® IS	1.16819.0001	25 Anaerocult® IS 25 special incubation bags
Anaerotest®	1.15112.	