

IVD in vitro diagnosticum - For professional use only



Anaerocult® IS

Anaerocult® IS

Cat. No. 1.16819.0001
(25 Anaerocult IS, 25 Special incubation bags)

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

See also General Instruction of Use

Warnings and precautions see 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 (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. 1.16819.0001 Anaerocult® IS

Seal tightly and protect from moisture

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

Experimental Procedure and Evaluation

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).

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)*.

Note

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

