MolliScience®

General Mycoplasma Media

Product Guide

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MolliScience® General Mycoplasma Liquid and Solid Media

Description

MolliScience® General Mycoplasma Media are suitable for isolation work for research purposes. The research-quality media are useful for the propagation of various *Mycoplasma* species of veterinary relevance.

Species used for development:

M. anatis, M. anseris, M. anserisalpingitidis, M. bovis, M. cloacale, M. gallisepticum, M. hyopneumoniae, M. hyorhinis, M. hyosynoviae, M. iowae, M. meleagridis, M. synoviae

Validation

MolliScience® culture media are freshly prepared following request. Each batch of culture media is validated at the MolliScience® laboratory, using our quality control strains. Documentation of the validation test is provided for every batch of culture media.

Conditions during validation:

- Liquid media are incubated at 37°C in air-tight tubes
- Solid media are incubated at 37°C and 5% CO_2 atmosphere

Media preparation

General Mycoplasma Liquid Media (GM-L)

Allow the frozen media to thaw at room temperature. Mix carefully after entirely thawed. Afterwards the Liquid Media can be used directly or divided into smaller volumes in sterile, air-tight containers (not provided).

General Mycoplasma Solid Media (GM-S)

Agar preparation: Place it in an autoclave and heat to 121°C. Once the temperature reaches 121°C, maintain it for 15 minutes. Afterwards, keep the Agar at 50°C for 60 minutes.

Supplement preparation: Thaw the frozen Supplement at 37°C for at least 60 minutes. Before mixing, place the thawed Supplement in a 50°C water bath for 10 minutes.

Mixing and plating: Gently mix the Agar and the Supplement, avoiding the formation of air bubbles. Pour the mixture into Petri dishes and allow the plates to dry overnight at room temperature. Store at 4°C.

Name of the product	Total volume: 100 ml
MolliScience® General Mycoplasma Solid Media Agar	60 ml
MolliScience® General Mycoplasma Solid Media Supplement	40 ml

Storage and shelf-life

General Mycoplasma Liquid Media (GM-L)

MolliScience® Liquid Media are provided in 100 to 1000 ml air-tight plastic containers, transported at room temperature.

Storage temperature	*Shelf-life*
+4°C	6 weeks
-20°C	12 months

General Mycoplasma Solid Media (GM-S)

MolliScience® Solid Media Agar are provided as separate agar in 100 ml air-tight glass containers and Supplement in 100 ml air-tight plastic containers, transported at room temperature.

Component	*Storage temperature*	*Shelf-life*
Solid Media Agar	+4°C	6 months
Solid Media Supplement	-20°C	12 months