

PRODUCT INFORMATION

PPLO Broth without CV

Cat. No. P16-129

DESCRIPTION

PPLO Broth Base w/o CV (Mycoplasma Broth Base w/o CV) with the addition of enrichment is used for isolation and cultivation of Mycoplasma species (pleuropneumonia like organisms).

FORMULA (g/L)

Enzymatic Digest of Casein	7.0 g	Beef Extract	1.0 g
Peptic Digest of Animal Tissue	4.5 g	Yeast Extract	3.5 g
Sodium Chloride	5.0 g	Maganese Sulfate	0.2 g

Final pH: 7.8 ± 0.2 at 25 °C

*Grams per liter may be adjusted or formula supplemented to obtain desired performance.

PREPARATION

Mix 21.0 grams of the medium in 700ml of purified water until evenly dispersed. Heat if necessary with repeated stirring to dissolve and autoclave at 121°C for 15 minutes. Cool to 45°C and aseptically add 300 ml of Horse serum. If crystal violet is used as the selective agent, enrich with Ascitic fluid instead of Horse serum. If desired add 10 vials of Mycoplasma Enrichment Supplement instead of horse serum. Mix well and dispense aseptically into sterile tubes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and tan to beige in color.
2. Visually the prepared medium is light to medium amber and clear.
3. Expected cultural response after 24-72 hours at 35°C.

ORGANISM	RESULT
<i>Mycoplasma bovis</i> ATCC 25523	Growth
<i>Mycoplasma gallinarium</i> ATCC 19708	Growth
<i>Mycoplasma pneumoniae</i> ATCC 15531	Growth



STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

Version 01 – Date 07/05/24