

# Rifampicin Solution



Supplement used for the isolation of *Campylobacter jejuni*.

\*Equally use with MFDS (MB-R0781K).

## • CONTENTS (Vial)

(each vial is sufficient for 500 mL of medium)

Rifampicin 0.0025 g

**Storage condition** : Store in the dark, -20 to 0°C

## • PROCEDURE

Suspend 31.75 G of Hunt Broth (Campylobacter Enrichment Broth) (MB-H1131) in 950 mL of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize by autoclave at 121°C for 15 minutes. Cool to 45 - 50°C in water bath. Aseptically add 50 mL of Horse Blood Lysed (MB-H1885), 2 vials of Hunt supplement (B) (MB-H1898) and 2 vials of Rifampicin Solution (during the secondary enrichment culture). Mix well. Pour into tubes.

## • INTERPRETATION

Rifampicin Solution is a supplement used for the isolation of *Campylobacter jejuni*. Rifampicin inhibits Gram-positive bacteria.

## • QUALITY CONTROL FOR USE

Appearance : clear

Color : red-orange

Incubation conditions : first set : 36 ± 1 °C / 4 - 5 hours under microaerobic condition

second set : 42 ± 1°C / 24 - 48 hours under microaerobic condition

Microorganism	ATCC	Inoculum CFU	Growth
<i>Campylobacter jejuni</i>	33291	50-100	good
<i>Escherichia coli</i>	25922	≥10 <sup>3</sup>	inhibited
<i>Enterococcus faecalis</i>	29212	≥10 <sup>3</sup>	inhibited
<i>Staphylococcus aureus</i>	25923	≥10 <sup>3</sup>	inhibited
<i>Aspergillus niger</i>	16404	heavy	inhibited

## • STORE

Store the supplement at -20 to 0°C in its original package tightly closed and use it before the expiry date on the label. Keep away from sources of heat and avoid excessive changes of temperature.

## • PACKAGE

Cat. No : MB-R0781  
Rifampicin Solution

1 vial