

D-Cycloserine solution



Selective supplement used for the isolation and cultivation of *Clostridium perfringens*.

*Alternatively use with QIA (MB-C1811Q).

• CONTENTS (Vial)

(each vial is sufficient for 2 L of medium)

D-Cycloserine 0.2 g

Storage condition : Store in the dark, 2 to 8°C

• PROCEDURE

Suspend 47.0 G of TSC (Tryptose-Sulfite-Cycloserine) Agar (MB-T2280) in 900 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 10% of Egg Yolk Emulsion (MB-E1864) and 20ml of D-cycloserine solution. Mix well. Dispense in petri dishes.

• INTERPRETATION

D-Cycloserine Solution is used for the detection and enumeration of *Clostridium perfringens*. D-Cycloserine inhibits the catalyst which are necessary for the biosynthesis of the bacterial cell wall when used with TSC (Tryptose-Sulfite-Cycloserine) Agar (MB-T2280).

• STORE

Store at 2 to 8°C in its original pack. Keep away from sources of heat and avoid excessive changes of temperature. Use until the expiry date indicated on the label. Eliminate without using if there are signs of deterioration. The product can be shielded from light.

• PACKAGE

Cat. No : MB-C1810 D-Cycloserine solution	1 vial
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