



YERSINIA SELECTIVE SUPPLEMENT

TS 057

Description

Supplement contains antibiotics which are targetted to selective species in for selective isolation enumeration of *Yersinia enterocolitica* in **TM 501 CIN AGAR (YERSINIA SELECTIVE AGAR BASE)**.

Composition

Ingredients

Cefsulodin	7.50 mg
Irgasan	2.00 mg
Novobiocin	1.25 mg

(Per vial, sufficient for 500ml of sterilized medium)

Storage

Vials should be stored at 2 - 8°C, in cool, dry location and protected from direct sunlight.

Instructions for use

Aseptically rehydrate the vial content to 2ml of sterile distilled water and 1 ml of ethanol. Mix well and add into 500ml of sterile molten medium when cooled to 50°C and dispense as desired. Mix well and pour into Petri plates. Use the medium according to the manufacturer's recommendation. Store the prepared media plates inverted at 4-8°C for not more than 7 days.

Microbiological parameters (Growth promotion test)

The following results were obtained on inoculating different culture strains (10³CFU/ml) at an incubation temperature of 22 - 32°C for 24 - 48 hours in CIN AGAR (YERSINIA SELECTIVE AGAR BASE) (TM 501).

Microorganisms	ATCC	Inoculum (CFU/ml)	Growth and colour
<i>Yersinia enterocolitica</i>	9610	10 ³	Good, red centre
<i>Yersinia enterocolitica</i>	35669	10 ³	Good, red centre
<i>Pseudomonas aeruginosa</i>	27853	10 ³	Inhibited
<i>Proteus mirabilis</i>	25933	10 ³	Inhibited