



27810

## Yersinia Selective Agar Base

Part D

### Specifications

Appearance (Colour)	Light yellow to pink
Appearance (Form)	Free flowing, homogeneous powder
Solubility	58.0 gm/liter
Gel strength (1.5% gel)	Firm, comparable with 1.25% agar gel
pH (25°C)	7.4 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Orange
Cultural Response	Inoculate and incubate at 22-32°C for 24-48 hours
Organism	Yersinia enterocolitica ATCC 27729
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :>=50.0% Colony characteristics : translucent with dark pink centre and bile precipitate
Organism	Escherichia coli ATCC 25922
Inoculum	>=10 <sup>3</sup> Growth : Inhibited
Organism	Staphylococcus aureus ATCC 25923
Inoculum	>=10 <sup>3</sup> Growth : Inhibited

### Other Information

#### Applications

For the isolation of Yersinia enterocolitica from clinical specimens and food samples.

Composition	
Ingredients	gms/lt.
Special peptone	20.00
Yeast extract	2.00
Mannitol	20.00
Sodium deoxycholate	0.50
Sodium chloride	1.00
Sodium pyruvate	2.00
Magnesium sulphate	0.01
Neutral Red	0.03
Crystal Violet	0.001
Agar	12.50

#### Directions

1. Add 58.00 gm powder to distilled /purified water.
2. Bring volume to 1.0 liter and mix thoroughly.
3. Gently heat and bring to boiling.
4. Autoclave at 15psi pressure at 121°C for 15 minutes.
5. Cool to 45 -50°C.
6. Aseptically, add reconstituted contents of 1 vial of Yersinia Selective Supplement (15061).

## General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

## Available Packages

100 Gms
500 Gms

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### Disclaimer

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