



85308

Bordet - Gengou Agar, Base (w/o rabbit blood)

Part D

Specifications

Appearance (Colour)	Biege
Appearance (Form)	Free flowing, homogeneous powder
Solubility	40.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	6.7 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber. After addition of 5% sterile defibrinated blood: Cherry red, opaque
Cultural Response	Inoculate and incubate at 37°C for 48-72 hours
Organism	Bordetella bronchiseptica ATCC 4617
Inoculum (cfu) 10-100	Growth w/o blood : Good, Growth w/blood : Good, Haemolysis : Gamma
Organism	Bordetella pertussis ATCC 8467
Inoculum (cfu) 10-100	Growth w/o blood : Poor - Fair, Growth w/blood : Good, Haemolysis : Beta
Organism	Staphylococcus aureus ATCC 25923
Inoculum	Growth : Inhibited

Other Information

Applications

For the detection and isolation of Bordetella species from clinical specimens.

Composition

Ingredients	gm/lt.
Agar	20.00
Sodium chloride	5.50
Peptic digest of animal tissue	10.00
Potatoes solids from infusion	125.00

Directions

1. Add 40.00 gm powder to 980 ml distilled/purified water containing 10 ml glycerol.
2. Mix thoroughly.
3. Gently heat and bring to boiling.
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.
5. Cool to 50°C.
6. Add aseptically 200.0 ml rabbit blood (prewarmed to 35°C) and mix thoroughly.
7. If desired, add 2 vials of Bordetella Selective Supplement (66006).

General Information

Storage	8 to 25°C (Cool & Dry Area)
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

Disclaimer

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