

POTATO INFUSION AGAR

Medium for *Brucella spp* isolation.

TYPICAL FORMULA (g/l)

Potatoes, infusion from	200.0
Glucose	10.0
Beef Extract	5.0
Sodium Chloride	5.0
Peptone	10.0
Agar	15.0
Final pH = 6.8 ± 0.2 at 25 °C.	

DIRECTIONS

Suspend 49.0 g of powder in 1 liter of distilled or deionized water. Add 20 ml of Glycerol supplement (code 80021). Heat to boiling until completely dissolved. Dispense into final containers. Sterilize in autoclave at 121°C for 15 minutes.

DESCRIPTION

POTATO INFUSION AGAR is used for cultivating *Brucella spp*, especially in mass cultivation procedures.

TECHNIQUE

Inoculate the specimen over the surface of the medium using a sterile spatulum. Incubate plates at 30-32 °C in 5-10% CO₂ for 48 hours.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: medium tan.

Prepared medium

Appearance: medium opalescent to opalescent with a slight precipitate.

Color: medium amber.

Incubation conditions: 30 ± 2 °C for 48 hours.

Microorganism	ATCC	Growth
<i>Brucella abortus</i>	4315	good
<i>Brucella melitensis</i>	4309	good
<i>Brucella suis</i>	4314	good

STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared tubes or plates at 2-8 °C.

REFERENCES

1. Abs. Bact. (1919). **3** : 6.
2. Moyer, N.P., and L.A. Holcomb (1995) *Brucella* p 549-555.

PRESENTATION











Product	REF	
POTATO INFUSION AGAR (10.2 l)	610011	500 g
POTATO INFUSION AGAR (2.0 l)	620011	100 g

TABLE OF SYMBOLS

 Batch code	 Caution, consult accompanying documents	 Manufacturer	 Contains sufficient for <n> tests	 Keep away from heat source
 Catalogue number	 Fragile, handle with care	 Use by	 Temperature limitation	