

## BIOTONE AGAR

Medium for fastidious microorganisms, including *Brucella spp*, cultivation and maintenance.

### TYPICAL FORMULA (g/l)

Tryptospecial	20.0
Glucose	1.0
Sodium Chloride	5.0
Thiamine HCL	0.005
Agar	15.0
Final pH = 7.2 ± 0.2 at 25 °C.	

### DIRECTIONS

Suspend 41.0 g of powder in 1 liter of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize in autoclave at 121 °C for 15 minutes. Dispense in petri dishes, tubes or bottles, as appropriate.

### DESCRIPTION

BIOTONE AGAR is a medium for isolation and cultivation of *Brucella spp* and fastidious microorganisms, including streptococci.

### TECHNIQUE

Inoculate the medium with the specimen using a sterile loop and incubate at 36 ± 1 °C for 40-48 hours under aerobic or anaerobic conditions, depending on the case.

### QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: beige.

Prepared medium

Appearance: clear.

Color: light amber.

Incubation conditions: 36 ± 1 °C for 48 hours at 5-10% CO<sub>2</sub>.

Microorganism	ATCC	Growth
<i>Staphylococcus aureus</i>	25923	good
<i>Escherichia coli</i>	25922	good
<i>Enterococcus faecalis</i>	19433	good
<i>Brucella suis</i>	6597	good

### PERFORMANCE AND LIMITATIONS

Biotone Agar can be used as it is or as a base for preparing enriched, selective and diagnostic media.

### 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 media at 2-8 °C.








### REFERENCES

1. APHA (1963). "Diagnostic procedures and reagents", 4th Edition.
2. OMS (1968). <<La Brucellose: techniques del laboratoire.>> Serie de Monographies, no.5.

### PRESENTATION

Product	REF	Σ
BIOTONE AGAR (12.1 l)	610157	500 g
BIOTONE AGAR (2.4 l)	620157	100 g

### TABLE OF SYMBOLS

<b>LOT</b> Batch code	 Caution, consult accompanying documents	 Manufacturer	 Contains sufficient for <n> tests	<b>IVD</b> In Vitro Diagnostic Medical Device
<b>REF</b> Catalogue number	 Fragile, handle with care	 Use by	 Temperature limitation	 Keep away from heat source



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