

BIOTONE BROTH

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
Final pH = 7.2 ± 0.2 at 25 °C.	

DIRECTIONS

Suspend 26.0 g of powder in 1 liter of distilled or deionized water. Heat to boiling until completely dissolved. Dispense into final containers, as appropriate. Sterilize in autoclave at 121 °C for 15 minutes.

DESCRIPTION

BIOTONE BROTH 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.

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.

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 tubes 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	
BIOTONE BROTH (19.2 l)	610158	500 g
BIOTONE BROTH (3.8 l)	620158	100 g

TABLE OF SYMBOLS

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