

## BRUCELLA SUPPLEMENT

**CAT N°: 6017**

Selective supplement for the isolation of *Brucella spp*

### FORMULA PER VIAL (Each vial for 500 ml of medium)

Nystatin	50.000 IU
Bacitracin	12.500 IU
Polymyxin B	2.500 IU
Cycloheximide	50 mg
Vancomycin	10 mg
Nalidixic Acid	2.5 mg

### PREPARATION

Aseptically reconstitute 1 vial with 5 ml of 1:1 solution of methanol / sterile distilled water. Incubate at 37°C for 10 - 15 minutes. Mix until completely dissolved and aseptically add to 500 ml of BRUCELLA AGAR BASE (Cat. 1012) or COLUMBIA AGAR BASE (Cat. 1104), autoclaved, cooled to 50°C and, if desired, with both 5 - 10% inactivated horse serum and 1 - 5% sterile dextrose solution added. Mix well and distribute into sterile containers.

PRODUCT	CAT.	PACK SIZE
BRUCELLA SUPPLEMENT	6017	10 Vials. Each vial for 500 ml of medium
BRUCELLA AGAR BASE	1012	500 g
COLUMBIA AGAR BASE	1104	500 g

### MICROBIOLOGICAL TEST

The following results were obtained in the performance of the BRUCELLA AGAR BASE from type cultures after incubation at a temperature of  $35 \pm 2^\circ\text{C}$ , under 5 - 10% CO<sub>2</sub> atmosphere and observed after 24 hours.

Microorganisms	Growth
<i>Brucella abortus</i> ATCC 4315	Good
<i>Brucella melitensis</i> ATCC 4309	Good
<i>Brucella suis</i> ATCC 4314	Good

### BIBLIOGRAPHY

Moyer, N.P., and L.A. Holcomb (1995). *Brucella*, p. 549-555. In P.R. Murray, E.J. Baron, M.A. Pfaller, F.C. Tenover, and R.H. Tenover (ed.), *Manual for clinical microbiology*, 6th ed. American Society for Microbiology, Washington, D.C.

Vanderzant, C., and D.F. Splittstoesser (ed.) (1992). *Compendium of methods for the microbiological examination of food*, 3rd ed. American Public Health Association, Washington, D.C.



### STORAGE

When stored as indicated, supplements remain stable until the stated expiry date shown on the label.

