BRUCELLA AGAR BASE

A selective medium for the isolation of *Brucella* spp.

Dehydrated media	
Code number:	500 g: BAB20500, 5 kg: BAB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,3 – 7,7

Direction: Suspend **22,5 g** in 460 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C. Add aseptically 4 ml of 1:1 mixture of methanol and sterile distilled water to **one vial of Brucella Selective Supplement (BAS80004)** to form suspension. Incubate for 15 minutes at 37 °C. Shake well and add immediately to the agar base together with **35 ml of sterile inactivated (i.e. serum held at 56 °C for 30 minutes) horse serum.** Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: BAB30100, 500 ml: BAB30500
Plated media:	55 mm: BAB50055, 90 mm: BAB50090
Colour:	Yellowish
pH (25 °C):	7,4 – 7,6

Direction: Supplement the melted bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	15
Glucose	10
Sodium chloride	5
Agar	15

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	**Growth**	Incubation time: 24 h
Brucella abortus ATCC 4315		Good	

References: Farell and Robinson (1972) J. Appl. Bact. 35: 625.

In vitro diagnostic – for professional use only!