BRUCELLA AGAR BASE + HEMIN + VITAMIN K

A non-selective medium for the cultivation and isolation of anaerobe micro-organisms.

Dehydrated media	
Code number:	500 g: BHK20500, 5 kg: BHK25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,3 – 7,7

Direction: Suspend **45 g** in 950 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 and add aseptically **50 ml of sterile defibrinated sheep blood**. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: BHK30100, 500 ml: BHK30500
Plated media:	55 mm: BHK50055, 90 mm: BHK50090
Colour of bottled media bases:	Yellowish
Colour of plated media:	Ruby red
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	22,00
L-Cysteine	0,50
Glucose	1,00
Sodium chloride	5,00
Sodium bisulphite	0,10
Hemin	0,01
Vitamin K	0,01
Agar	14,40

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: 48 h
Bacteroides fragilis	ATCC 23745	Good (under anaerobic conditions)	
Clostridium pefringens	ATCC 13124	Good (under anaerobic conditions)	

References: Zennette et al. (1985) Manual of Clinical Microbiology, 4th ed., ASM, Washington, D.C.

In vitro diagnostic – for professional use only!