

BACTEROIDES BILE ESCULIN AGAR

A selective and differential medium for the isolation and presumptive identification of *B. fragilis* group.

Dehydrated media	
Code number:	500 g: BBE20500, 5 kg: BBE25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

Direction: Suspend **62 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: BBE30100, 500 ml: BBE30500
Plated media:	55 mm: BBE50055, 90 mm: BBE50090
Colour:	Yellowish
pH (25 °C):	7,1 – 7,3

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Anaerobe Isolation Agar	45,4
Bacteriological bile	15,0
Ferric citrate	0,5
Esculin	1,0
Gentamicin	0,1

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
<i>Bacteroides fragilis</i>	ATCC 25285	Good, esculin hydrolysis (under anaerobic conditions)	
<i>Escherichia coli</i>	ATCC 25922	Inhibited	
<i>Clostridium perfringens</i>	ATCC 13124	Inhibited (under anaerobic conditions)	

References: Livingston et al. (1978) J. Clin. Microbiol. 7: 448.

In vitro diagnostic – for professional use only!