

YERSINIA BROTH BASE

A selective medium for selective enrichment of *Yersinia enterocolitica*.

Dehydrated media	
Code number:	500 g: YBB20500, 5 kg: YBB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **16,5 g** in 500 ml of distilled water and heat gently to dissolve the medium completely. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically the contents of **one vial of Yersinia (CIN) Selective Supplement (CIN80004)** reconstituted with 4 ml of sterile distilled water. Mix well and dispense aseptically into sterile test tubes.

Prepared media	
Bottled media bases:	100 ml: YBB30100, 500 ml: YBB30500
Tubed media:	150 x 15 mm: YBB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	7,3 – 7,5

Direction: Supplement the bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile test tubes. Media in tubes are ready to use.

FORMULA in g/l

Peptones	28,0
Sodium pyruvate	2,5
Buffers	2,5

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 and tubed media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Yersinia enterocolitica</i> ATCC 27729		Good	
<i>Escherichia coli</i> ATCC 25922		Inhibited	
<i>Enterococcus faecalis</i> ATCC 29212		Inhibited	

References: Schiemann (1979) Can. J. Microbiol. 25: 1928.

In vitro diagnostic – for professional use only!