

SHIGELLA BROTH BASE

A selective medium for the selective enrichment of *Shigella* spp.

Dehydrated media	
Code number:	500 g: SHB20500, 5 kg: SHB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 - 7,2

Direction: Suspend **15 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 Shigella Selective Supplement (SBS80004)** reconstituted with 4 ml of sterile distilled water. Mix well and dispense aseptically into sterile test tubes.

Prepared media	
Bottled media bases:	100 ml: SHB30100, 500 ml: SHB30500
Tubed media:	150 x 15 mm: SHB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	6,9 - 7,1

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	20
Glucose	1
Sodium chloride	5
Buffers	4

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>Shigella sonnei</i> ATCC 25931		Good	
<i>Enterococcus faecalis</i> ATCC 29212		Inhibited	

References: FDA (1988) Bacteriological Analytical Manual, 8th ed.

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