

## GN BROTH

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

<b>Dehydrated media</b>	
Code number:	500 g: GNB20500, 5 kg: GNB25000
Colour:	Yellowish
Appearance:	Homogeneous hygrosopic powder
pH before autoclaving (25 °C):	6,8 - 7,2

**Direction:** Suspend **39 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 115 °C for 15 minutes. Cool quickly!

### Warning!

The medium is heat sensitive.  
No further sterilisation is necessary or desirable.

<b>Prepared media</b>	
Bottled media:	100 ml: GNB30100, 500 ml: GNB30500
Tubed media:	150 x 15 mm: GNB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	6,9 - 7,1

**Direction:** Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

## FORMULA in g/l

Peptones	20,0
Mannitol	2,0
Glucose	1,0
Sodium chloride	5,0
Sodium citrate	5,0
Sodium deoxycholate	0,5
Buffers	5,5

**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>Salmonella typhimurium</i> ATCC 14028		Good	
<i>Shigella sonnei</i> ATCC 25931		Good	
<i>Enterococcus faecalis</i> ATCC 29212		Inhibited	

**References:** Hajna (1955) Public Health Lab. 13: 59.

**In vitro diagnostic – for professional use only!**