

## APT BROTH BASE

A non-selective medium for the cultivation of lactic acid bacteria.

<b>Dehydrated media</b>	
Code number:	500 g: APB20500, 5 kg: APB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,5 – 6,9

**Direction:** Suspend **46 g** in one litre of distilled water. Add **1 ml of TWEEN 80 Supplement (TWS80100)**. Mix well and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

<b>Prepared media</b>	
Bottled media:	100 ml: APB30100, 500 ml: APB30500
Tubed media:	150 x 15 mm: APB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	6,6 - 6,8

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

### FORMULA in g/l

Peptones	20,000
Glucose	10,000
Sodium chloride	5,000
Sodium citrate	5,000
Magnesium sulphate	0,800
Manganese chloride	0,140
Ferrous sulphate	0,040
Thiamine HCl	0,001
Buffers	5,000

**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:

<b>Test strains</b>	Incubation temp: 37 °C	<b>Growth</b>	Incubation time: 48 h
<i>Lactobacillus fermentum</i> ATCC 9338		Good	

**References:** Evans and Niven (1951) J. Bact. 62: 599.

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