

SLANETZ-BARTLEY AGAR BASE

A selective medium for the detection of *Enterococcus* spp. according to ISO 7899-2.

Dehydrated media	
Code number:	500 g: SLA20500, 5 kg: SLA25000
Colour:	Yellowish
Appearance:	Slightly adherent homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

Direction: Suspend **22 g** in 500 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 115 °C for 15 minutes. Cool to 50 °C and add aseptically **10 drops (0,5 ml) of TTC Solution, Sterile (TTC80030)**. Mix well before pouring.

Warning!

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

Prepared media	
Bottled media bases:	100 ml: SLA30100, 500 ml: SLA30500
Plated media:	55 mm: SLA50055, 90 mm: SLA50090
Colour:	Yellowish
pH (25 °C):	7,1 – 7,3

Direction: Supplement the melted bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Tryptose	20,0
Yeast extract	5,0
Glucose	2,0
Sodium azide	0,4
Potassium phosphate, dibasic	4,0
Agar	12,5

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 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>Enterococcus faecalis</i>	ATCC 29212	Good, ferruginous colonies	
<i>Escherichia coli</i>	ATCC 25922	Inhibited	

References: Slanetz and Bartley (1957) J. Bact. 74: 591.
ISO 7899-2: 2000

In vitro diagnostic – for professional use only!