

Enterococci Selective Agar acc. to Slanetz-Bartley

Enterococci Agar

TN 1132 500 g



Intended use

Used for the isolation and identification of *enterococci* especially from water (in accordance with DIN EN ISO 7899-2:2000) and from foodstuffs (§ 64 German Food and Feed Code).

Form

Powder

Colour

Beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

3 years

Typical composition

Component	g/l
Tryptose	20
Yeast extract	5
Glucose	2
Dipotassium hydrogen phosphate	4
Sodium azide	0.4
2,3,5-Triphenyl tetrazolium chloride (TTC)	0.1
Agar	10

Directions

Suspend 41.5 g in 1 litre distilled water. Carefully bring to the boil, stirring frequently, until completely dissolved, or heat in a steam heater for 30-40 minutes. Do not autoclave! Mix well and pour plates.

Final pH at 25 °C

7.2 ± 0.2

Microbiological quality control

Incubate Enterococci Selective Agar acc. to Slanetz-Bartley (Enterococci Agar) aerobically for 44-48 hours at 36 ± 1 °C.

Test strain	ATCC no.	CFU/plate	Recovery rate	Growth	Colony colour
<i>Enterococcus faecium</i>	6569	10-100	>50 %	good	reddish-pink
<i>Enterococcus hirae</i>	8043	10-100	>50 %	good	reddish-brown with metallic sheen
<i>Enterococcus durans</i>	10541	10-100	>50 %	good	reddish-brown with metallic sheen
<i>Enterococcus faecalis</i>	29212	10-100	>50 %	good	reddish-brown with metallic sheen
<i>Escherichia coli</i>	25922	100-1000	<0.1 %	no growth	n. a.
<i>Staphylococcus aureus</i>	25923	100-1000	<0.1 %	no growth	n. a.
<i>Pseudomonas aeruginosa</i>	25668	100-1000	<0.1 %	no growth	n. a.