Enterococci Selective Agar acc. to Slanetz-Bartley

TN1132 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). No IVD - The laboratory diagnostic testing of human samples has not been evaluated.

Form
Powder

Colour
Beige

Storage
Dry, tightly closed, at 10...30 °C.

Shelf life
3 years

Directions
Suspend 41.5 g in 1 litre of distilled water and bring to the boil gently while stirring until completely dissolved, or keep in a steam cooker for 30-40 minutes. Do not autoclave! Mix well and pour plates.

Typical compositions

Component	g/l
Tryptose	20.0
Yeast extrakt	5.0
Glucose	2.0
Dipotassium hydrogen phosphate	4.0
Sodium azide	0.4
2,3,5-Triphenyltetrazolium chloride (TTC)	0.1
Agar	10.0

Final pH at 25°C
7.2 ± 0.2

Microbiological quality control
Incubation: aerobically, 44 h ± 4 h at 36 ± 2 °C

Test strain	CFU / plate	Recovery rate in % test vs. inoculum *)	Colony morphology
Enterococcus faecium ATCC 6057 WDCM 00177	80-120	≥ 50 %	reddish brown to pink colonies
Enterococcus faecium NCTC 13169 WDCM 00178	80-120	≥ 50 %	reddish brown to pink colonies
Enterococcus faecalis ATCC 19433 WDCM 00009	80-120	≥ 50 %	reddish brown colonies with metallic shine
Enterococcus faecalis ATCC 29212 WDCM 00087	80-120	≥ 50 %	reddish brown to pink colonies
Enterococcus faecalis DSM 24916 WDCM 00176	80-120	≥ 50 %	reddish brown colonies with metallic shine
Escherichia coli ATCC 25922 WDCM 00013	10^4-10^6	≤ 0.1 %	n.a.
Escherichia coli ATCC 8739 WDCM 00012	10^4-10^6	≤ 0.1 %	n.a.
Staphylococcus aureus ATCC 6538 WDCM 00032	10^4-10^6	≤ 0.1 %	n.a.
Staphylococcus aureus ATCC 25923 WDCM 00034	10^4-10^6	≤ 0.1 %	n.a.
Pseudomonas aeruginosa ATCC 25668 WDCM 00114	10^4-10^6	≤ 0.1 %	n.a.

*) Reference medium used: TSA
A recovery rate of e.g. ≥ 50 % corresponds to a productivity ratio of PR ≥ 0.5.

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