

Enterococci Selective Agar according to Slanetz and Bartley (ESB)

According to ISO 7899-2:2000

Abbreviazione: ESB
Numero articolo: 40-1132
Scheda: Petri Dish, 90mm
Colore: Yellowish to light red
Condizioni di stoccaggio prodotti: Dry, in closed bag at 4 – 10°C.
Data di scadenza: 4 Months
Valore pH: 7.2 ± 0.2 at 25°C



Destinazione e applicazione

Slanetz and Bartley Selective Agar for the isolation and identification of Enterococci in water. The Sodium Azide contained in the Slanetz and Bartley Selective Agar inhibits non-target microbiological flora ensuring a high selectivity for Enterococci. Tri-phenyl-tetrazolium chloride is added to the medium so that Enterococci colonies are visualised as red, maroon or pink coloured colonies.

Composizione tipica

in g per 1 Litre of Nutrient medium

Tryptose	20.0
Yeast Extract	5.0
Glucose	2.0
Di-Potassium Hydrogen Phosphate	4.0
Sodium Azide	0.4
2,3,5-Tri-Phenyl-Tetrazolium Chloride (TTC)	0.10
Agar	10.0

*Adjusted as required to meet performance standards

Controlli di qualita' microbiologici

The Microbiological Performance Test is carried out in accordance with the requirements ISO 11133:2014.

Productivity

incubation conditions: 44 ± 4 hours at 36 ± 2 °C; Inoculum concentration: 80 – 120 CFU

Organism	Type Strain	Specification	Colony morphology
Enterococcus faecalis	ATCC 19433 / WDCM 00009	50 – 130 %	Red, maroon, pink colonies
Enterococcus faecium	ATCC 6057 / WDCM 00177	50 – 130 %	Red, maroon, pink colonies

Selectivity

Incubation conditions: 44 ± 4 Hours at 36 ± 2 °C; Inoculum concentration: 10.000 – 1.000.000 CFU

Organism	Type Strain	Specification	Colony morphology
Staphylococcus aureus	ATCC 6538 / WDCM 00032	Complete inhibition	-
Escherichia coli	ATCC 8739 / WDCM 00012	Complete inhibition	-

Microbial Contamination

Incubation conditions: 5 – 7 days at 20 – 25 °C and 5 – 7 days at 30 – 35 °C

Specification

No microbial contamination