Enterococcus-Selective-Agar

M&S Item numbers: 5240 (25 x 20 ml) and 5241 (4 x 250 ml)

Application range: Enterococcus-Selective-Agar is used for the detection and selective colony count of intestinal enterococci in drinking water and other samples. The formulation is according to Slanetz and Bartley and in accordance with DIN EN ISO 7899-2:2000.

Formulation: (typical)

Peptone	20.0 g/l
Yeast extract	5.0 g/l
Dipotassiumhydrogenphosphate	4.0 g/l
Dextrose	2.0 g/l
Sodiumazide	0.4 g/l
2,3,5-Triphenyltetrazoliumchloride (TTC)	0.1 g/l
Agar	10.0 g/l
pH 7.2 ± 0.2	
Color	light red

Storage: Dark and dry at 4 – 8 °C

Description: The presence of sodiumazide inhibits the growth of other bacteria than enterococci and provides a high selectivity for them. TTC is metabolized from bacteria to red Formazan and facilitates counting of the small colonies.

Typical growth: Incubation at 37 °C for 24 – 48 hours

Microorganisms	Growth	Colony appearance
Enterococcus faecalis	good	small, dark red
Escherichia coli	no	-



Pure culture of *Enterococcus faecalis* after 30 hours at 37 °C

Dr. Möller & Schmelz GmbH – Robert-Bosch-Breite 15 – D-37073 Göttingen, Germany
Fon +49 (0)551/66708 – Fax +49 (0)551/68895 – info@moeller-schmelz.de – www.moeller-schmelz.de