DR. MÖLLER & SCHMELZ GmbH
Gesellschaft für angewandte Mikrobiologie

Colichrom-Agar

M&S item numbers: 4028 (25 x 20 ml) and 5025 (4 x 250 ml)

Application range: Colichrom-Agar is used for the detection and colony count of *Escherichia coli* and coliforms in water and food.

Formulation: (typical)

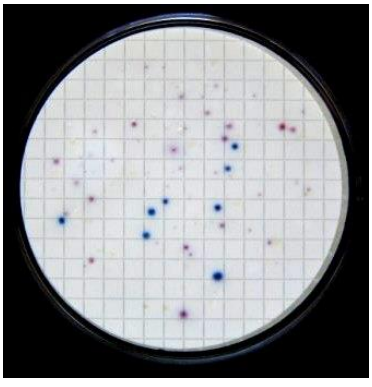
Peptone	3.0 g/l
Sodiumchloride	5.0 g/l
Sodiumdihydrogenphosphate	2.2 g/l
Disodiumhydrogenphosphate	2.7 g/l
Sodiumpyruvate	1.0 g/l
Tryptophan	1.0 g/l
Sorbitol	1.0 g/l
Tergitol-7	0.15 g/l
Chromogenic mix	0.4 g/l
Agar	13.0 g/l
pH 7.0 ± 0.2	
Color	clear, yellowish

Storage: Dark and dry at room temperature

Description: With Colichrom-Agar coliforms can be cultivated and differentiated selectively by color. The chromogenic components allow identifying *E. coli* (blue colonies) easily among the accompanying microorganisms, i.e. red coliform and beige non-coliform colonies. Gram-positive bacteria are largely inhibited by Tergitol-7.

Typical growth: Incubation at 36 ± 1 °C for 21 ± 3 hours

Microorganisms	Growth	Colony appearance
Escherichia coli	very good	blue
Enterobacter aerogenes	very good	red
Pseudomonas aeruginosa	good	beige
Staphylococcus aureus	no	



Mixed culture of *Escherichia coli, Enterobacter aerogenes* and *Pseudomonas aeruginosa* after 18 hours at 37 °C

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