

Coliform Chromogenic Agar CCA ISO

I.D.: 88100290

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Pretul estimativ: 1.450,00 RON - 1.450,00 RON

Descriere: E.COLI COLIFORMS CHROMOGENIC AGAR (CCA) ISO 9308-1 CAT N°: 2080 Selective medium for the simultaneous detection of E.coli and other coliforms in water samples FORMULA IN g/l Sodium Chloride 5.00 Tryptophan 1.00 Di-sodium hydrogen phosphate 2.70 Salmon-beta-D-galactoside 0.20 Sodium dihydrogen phosphate x 2H₂O 2.20 Tergitol® 15-S-7 surfactant 0.15 Yeast Extract 2.00 X-beta-G-glucuronide CHX salt 0.10 Enzymatic Digest of Casein 1.00 IPTG 0.10 Sodium Pyruvate 1.00 Agar 10.00 Sorbitol 1.00 Final pH 6.8 ± 0.2 at 25°C PREPARATION Suspend 26.45 grams of the medium in one liter of distilled water. Mix well and dissolve by heating with frequent agitation. Boil for one minute until complete dissolution. AVOID OVERHEATING. DO NOT AUTOCLAVE. Cool to 45-50°C and pour into petri plates. Homogenize gently and dispense into Petri dishes. The prepared medium should be stored at 8-15°C, protected from light. The color of the prepared medium is amber. The standard recommends not using freshly prepared plates but to store them at 5±3°C, away from light, during at least one month. Dry off moisture before use. The dehydrated medium should be homogeneous, free-flowing and beige in color. If there are any physical changes, discard the medium. USES E.COLI-COLIFORMS CHROMOGENIC AGAR (CCA) is a selective medium for the detection of E.coli and other coliforms in water and foods. The interaction of ingredients in the medium, such as peptone, sorbitol, etc., allows a quick colony growth, including in
