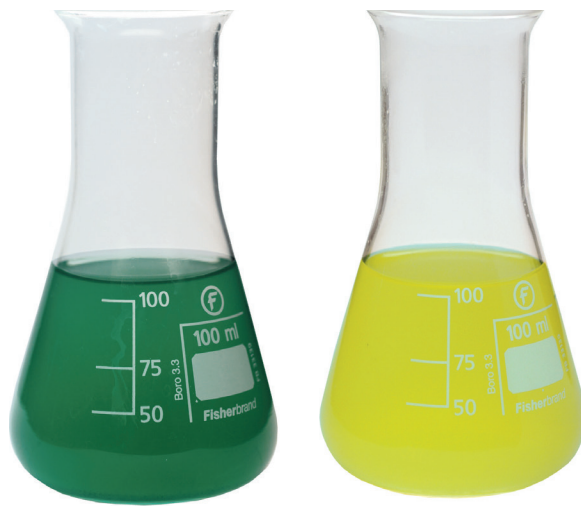


AquaCHROM™ ECC



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AquaCHROM™ ECC

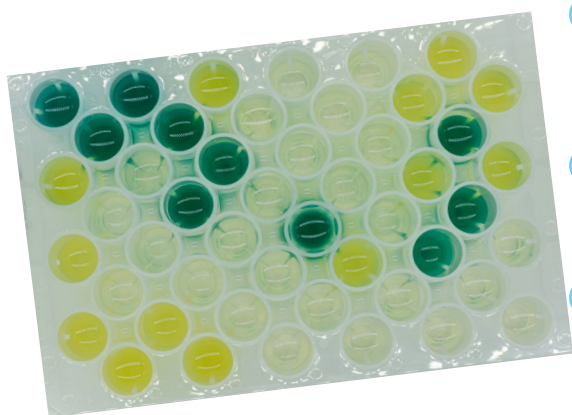


**For presence/absence and enumeration
of *E. coli* and coliforms**



Reading

- *E. coli*
→ green to blue-green liquid
- Other coliforms
→ yellow liquid
- Other
→ colorless +/- growth



For presence/absence and enumeration of *E. coli* and coliforms in 100 mL water samples

Background

Coliforms, *Enterobacteriaceae* able to ferment lactose, are bacteria present in human and warm blooded animals intestinal flora, in the soil and water. Coliforms are indicators of organic, environmental or faecal contamination.

Strict regulations exist for *E. coli*/coliform absence in water and food samples. This can be explained by the importance of these germs in determining water and food safety. Worldwide, water and food quality control for human consumption are based on detecting the presence/absence of *E. coli* and coliforms.

E. coli can contaminate drinking water when the water treatment system is inadequate or during periods of very high rainfalls. Monitoring of food and water production is essential. Contamination may lead to suspension of the water supply and food recall by supermarkets.

AquaCHROM™ ECC (Presence/absence and MPN method) has been validated by the AOAC RI under the Performance Tested MethodsSM Program for the analysis of water samples, including tap water, well water, lake water, bottled water,...

Medium Performance (Presence/absence or MPN methods)

- 1 **SIMPLE METHOD**
Add the pre-weighed dose of AquaCHROM™ ECC to a 100 mL water sample and swirl (for MPN methods, dispach the mixture into each well).
Incubate at :
35-37 °C for 18-24 h (for presence/absence)
35-37 °C for 18-24 h or 25°C for 36h (for MPN method)
- 2 **DETECTION BY NAKED EYE**
No need of UV lamp!
Species differentiation is based on the use of two chromogens (instead of obsolete use of chromogene + fluorogene).
For MPN method, refers to AquaCHROM™ ECC MPN table for counting.
- 3 **VERY SUITABLE FOR FIELD TEST**
This culture medium has been also designed for tests in areas where neither incubators nor UV lamps are available. The incubation could be carried out at room temperature (longer incubation) and results are read under daylight. Simple method!
- 4 **MATERIALS**
The dispenser and the 48-well plate can be sterilized by autoclaving after each test to be used again and again!

Medium Description

Powder Base	Total	22.3 g/L
	Peptone and growth regulators	20.0
	Chromogenic and selective mix	2.3
	Storage at 15/30 °C - pH: 7.1 ± 0.2	
	Shelf Life	2 years

Usual Samples	100 mL water
Procedure	Incubation at : 35-37 °C for 18-24 h (for presence/absence) 35-37 °C for 18-24 h or 25°C for 36h (for MPN method) Aerobical condition.

Scientific Publications on this product: available on www.CHROMagar.com
Please read carefully the instructions for use (IFU document) available on www.CHROMagar.com

Order References

Please use this product reference when contacting your local distributor:
100*100 mL doses AQ056

Manufacturer: CHROMagar
4 place du 18 juin 1940 75006 Paris - France
Email: CHROMagar@CHROMagar.com
Website: www.CHROMagar.com
Find your nearest distributor on
www.CHROMagar.com/contact