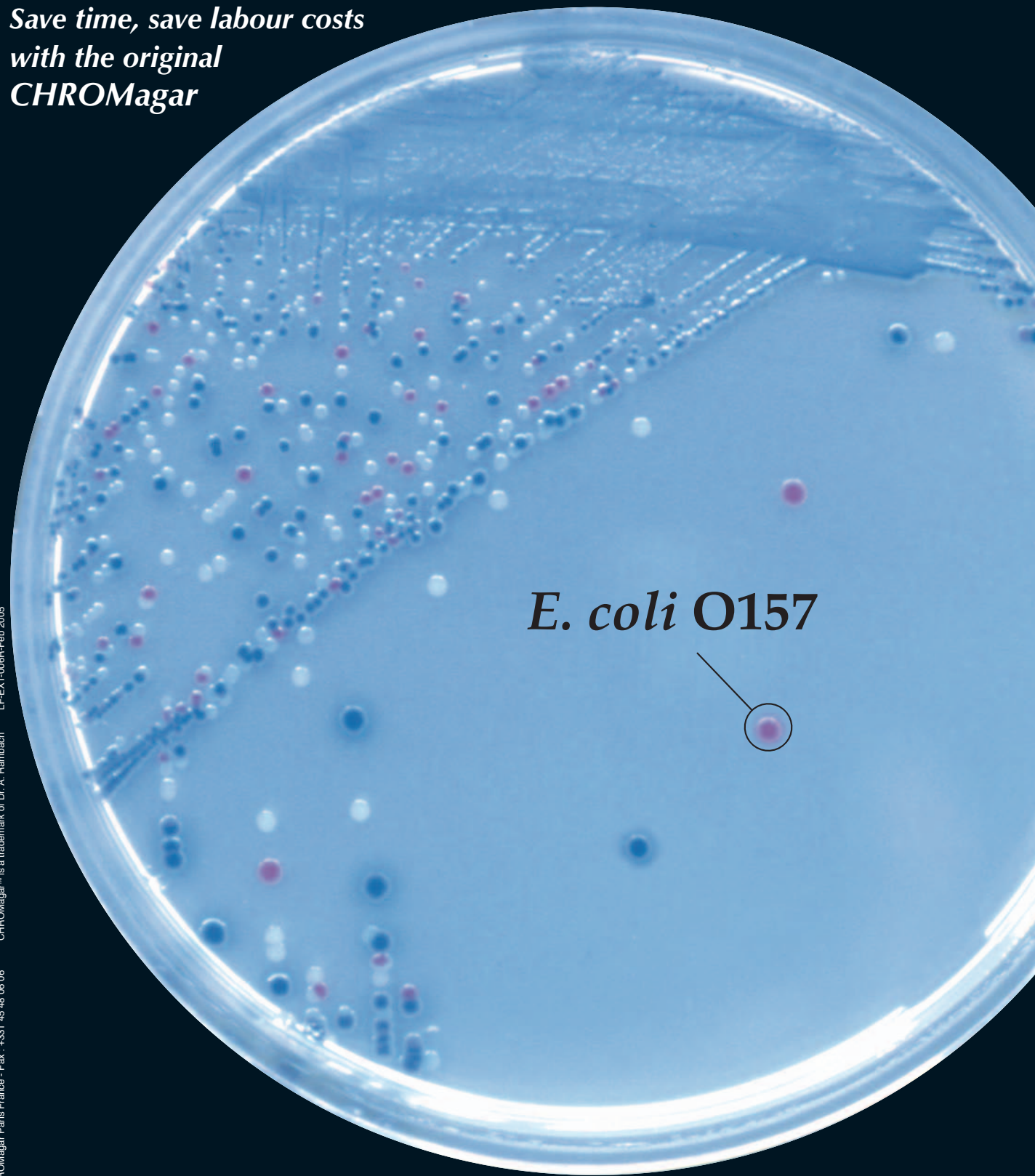


# CHROMagar™ O157

*Save time, save labour costs  
with the original  
CHROMagar*



*E. coli O157*

CHROMagar Paris France - Fax : +331 45 48 06 06 CHROMagar™ is a trademark of Dr. A. Rambach LF-EXT-006R-Feb 2005

*The Chromogenic Media Pioneer*

CHR  Magar

[www.chromagar.com](http://www.chromagar.com)



# CHROMagar™ O157

*E.coli* O157 as mauve colonies

Rapid and powerful

SPECIES	COLONY COLOUR	SENSITIVITY
<i>E.coli</i> O157	Mauve	98 % *
<i>E.coli</i> spp	Blue	
Other	Blue, colourless or inhibited	

(\*) Bettelheim 1998

➔ Easier detection: *E.coli* O157 is detected as mauve colonies among blue and colourless colonies instead of colourless colonies among red colonies on traditional SMAC agar.

➔ Specificity can be increased by enriching the sample by immunocapture with magnetic beads coated with antibodies against *E.coli* O157. Selectivity can be increased by adding 2,5 mg/L Potassium Tellurite in CHROMagar™ O157.

**References:** (1) J.S. Wallace and K. Jones, 1996. The Use of Selective and Differential Agars in the Isolation of *E.coli* O157 from dairy herds. J. Appl. Bacteriol. 81: 663-668. (2) J.S. Wallace and K. Jones, 1997. Isolation of Vero cytotoxin-producing *E.coli* O157 from wild birds. J. Appl. Bacteriol. 82: 399-404. (3) K.A. Bettelheim, 1998. Reliability of CHROMagar O157 for the detection of enterohaemorrhagic *E.coli* (EHEC) O157 but not EHEC belonging to other serogroups. J. Appl. Microbiol. 85: 425-428.

CHROMagar™ <i>Candida</i>	for differentiation of <i>C.albicans</i> , <i>C.tropicalis</i> , <i>C.krusei</i>
CHROMagar™ Orientation	for differentiation of urinary tract pathogens
CHROMagar™ <i>E.coli</i>	for detection and enumeration of <i>E.coli</i>
CHROMagar™ ECC	for detection and enumeration of <i>E.coli</i> and coliforms
CHROMagar™ Liquid ECC	broth for pad technique for <i>E.coli</i> -coliforms (water samples)
CHROMagar™ O157	for detection of <i>E.coli</i> O157
CHROMagar™ <i>Salmonella</i>	for detection of <i>Salmonella</i> including <i>S.typhi</i>
Rambach™ Agar	for detection of <i>Salmonella</i> spp
CHROMagar™ <i>Staph aureus</i>	for detection of <i>Staphylococcus aureus</i>
CHROMagar™ MRSA	for detection of Methicillin Resistant <i>Staphylococcus aureus</i> including low level MRSA
CHROMagar™ <i>Listeria</i>	for detection and enumeration of <i>Listeria monocytogenes</i>
CHROMagar™ <i>Vibrio</i>	for detection of <i>Vibrio parahaemolyticus</i> , <i>V.vulnificus</i> , <i>V.cholerae</i>
CHROMagar™ <i>Pseudomonas</i>	for detection of <i>Pseudomonas</i>

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Microbiology