

# BBL™ CHROMagar™ O157

A Lean Approach to Testing



*Escherichia coli* serotype O157:H7 is a human pathogen associated with hemorrhagic colitis. Traditionally, this organism has been differentiated from its nonpathogenic counterparts using media containing sorbitol. *E. coli* O157:H7 will ferment sorbitol slowly, or not at all.

BBL™ CHROMagar™ O157 was developed to meet the needs of microbiologists requiring a better medium for isolation and differentiation of *E. coli* O157. This medium has been designed for use as a primary plate for stool cultures and is an ideal medium for screening food samples for *E. coli* O157. BBL CHROMagar O157 provides additional benefits:

- Detects *E. coli* O157 using a highly specific chromogenic reaction, limiting false results associated with detection of *E. coli* O157 by sorbitol fermentation.
- Distinguishes *E. coli* O157 (mauve colonies) from *E. coli* non-O157 (blue colonies) with a color reaction for clearer differentiation of toxigenic strains.
- Reduces costs of subculturing, biochemical identification and latex testing of false-positive organisms isolated from MacConkey Agar with Sorbitol and SMAC CT media.<sup>1</sup>
- Inhibits most *Proteus*, *Pseudomonas* and *Aeromonas* strains using specialized selective agents.
- Is compatible with latex agglutination testing for confirmation.
- Provides more efficient use of technologist time when screening stool cultures.

Cat. No.	Description	Unit
214984	BBL™ CHROMagar™ O157	20 Plates
254102	BBL™ CHROMagar™ Orientation	20 Plates
215081	BBL™ CHROMagar™ Orientation	100 Plates
222239	BBL™ CHROMagar™ Orientation / TSA II I Plate™	100 Plates
215084	BBL™ CHROMagar™ MRSA	20 Plates
215181	BBL™ CHROMagar™ MRSA	100 Plates
254093	BBL™ CHROMagar™ Candida	20 Plates
214982	BBL™ CHROMagar™ Staph aureus	20 Plates
214983	BBL™ CHROMagar™ Salmonella	20 Plates

<sup>1</sup> Data on file, BD Diagnostics.

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