



# ECA Check<sup>®</sup> Easygel<sup>®</sup> Guide

Target organisms: *E. coli*, other coliforms and *Aeromonas*

Colony Color Guide:

- 1 - *E. coli* (dark blue/indigo) larger size
- 2 - Other Coliforms (blue/blue gray) smaller size
- 3 - *Aeromonas* spp. (pink/red)
- 4 - *Salmonella* spp. (teal/green)

## ECACheckEasygel® Specification Data

<b>Selective For:</b>	<i>E. coli</i> , other coliforms, <i>Aeromonas spp.</i> , and some <i>Salmonella spp.</i>
<b>Description:</b>	ECA Check® is a clear medium containing a chromogenic substrate mixture. Enzymes specific to each of the four bacterial groups react with their specific chromogenic substrates to produce the colors that differentiate each bacterial type.
<b>Composition:</b>	Contains nutrients, inhibitors and chromogenic substrate mix. pH 7.3 ± 0.2
<b>Procedure:</b>	Use standard methodology for product being tested. Incubation time and temperature; 24-48 hrs at 35°C. It is possible to take accurate readings at 24 hours incubation time. Colors will intensify and colony size will be larger at 36-48 hours.
<b>Interpretation:</b>	<i>E. coli</i> colonies will have a dark blue/indigo overall colony color. Non- fecal coliforms ( <i>Enterobacter</i> , <i>Citrobacter</i> and <i>Klebsiella spp.</i> & others) are lighter blue/grey to purplish in color. <i>Salmonella spp.</i> appear as green/teal colonies. <i>Aeromonas spp.</i> are pink to very light pink. Gram-positive organisms are generally inhibited.
<b>Storage:</b>	Freeze
<b>Shelf Life:</b>	1 year

### Further information links on our web site:

- FAQ
- Our Methods
- Food Microbiology

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