

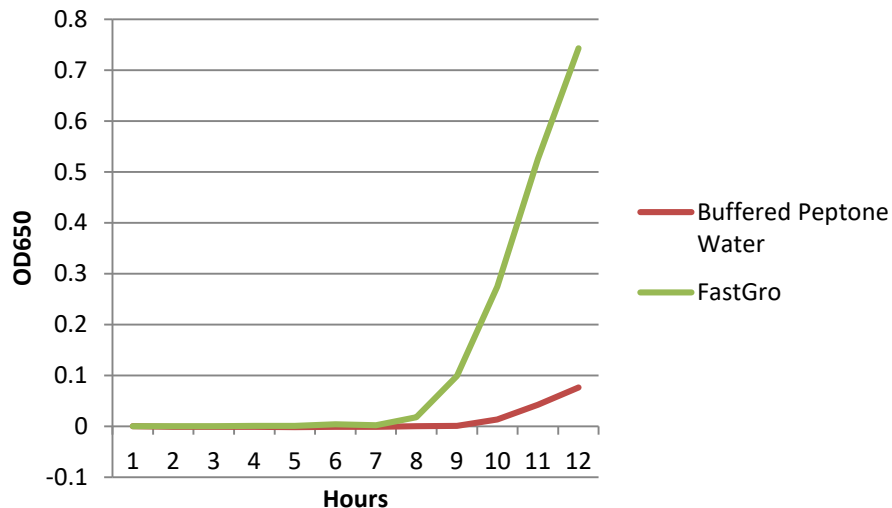


# FASTGRO™ SE Media

For use with the Hunter® Pathogen Detection System

**FASTGRO™ SE Media** is a semi-selective enrichment broth for use with the Hunter® Pathogen Detection System for the detection of both *E. coli* and *Salmonella* species. This allows you to screen for both organisms from a single enrichment, saving time and money.

## Growth of *Salmonella* Enteritidis



**Figure 1** FASTGRO™ SE Enrichment Broth outperforms Buffered Peptone Water, showing growth in as early as 8 hours.

### Enrichment Procedure

Mix 25 g of a representative sample with 225 mL of FASTGRO® SE Broth. Use a Stomacher or hand massaging to mix samples. Incubate at 42°C for 10 to 20 hours.

Volume of FASTGRO™ SE can be adjusted proportionally for different sample sizes.

ORGANISM	ATCC #	GROWTH
<i>Escherichia coli</i> O157:H7	35150	Excellent
<i>Escherichia coli</i> O157:H7	43888	Excellent
<i>Escherichia coli</i> O157:H7	11775	Excellent
<i>Salmonella enterica</i> sbsp. Typhimurium	14028	Excellent
<i>Salmonella enterica</i> sbsp. Enteritidis	4931	Excellent

### Appearance

Dehydrated: Pale yellow, clumping powder

Rehydrated: Pale yellow. Translucent at temperatures below 55°C. Opaque at temperatures above 55°C.

### Storage and Media Stability

Dehydrated media can be stored at room temperature with lid tightly closed to ensure the media remains dry. Dehydrated media will remain stable until the expiration date on the container, or 3 years from the date of manufacture.

Rehydrated media that has been autoclaved can be stored at room temperature for 2 weeks, or at 2-8°C for up to three months.

Rehydrated media that has *not* been autoclaved must be used within 2 hours of preparation.

### Preparation

Dissolve 22.5 g of dehydrated media in 1 L of distilled water. Shake vigorously to dissolve. Use within 2 hours or autoclave at 121°C for 15 minutes for longer term storage. Media should be equilibrated to 42°C before use.

### Ordering Information

This media is available in several sizes:

500 g: P/N 9034-0700-4332

2 Kg: P/N 9034-0700-4333

10 Kg: P/N 9034-0700-4334

InstantLabs

1448 S. Rolling Rd.

Suite 018

Baltimore, MD 21227

phone: 855-800-7086

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