InTray™ BG Agar
InTray™ BG Agar + Novobiocin

Brilliant Green Agar and
Brilliant Green Agar with Novobiocin antibiotic

40-1007 (5 pack); 40-1001 (20 pack)

For *In Vitro* Diagnostic Use Only

BIOMED

INTENDED USE:

Brilliant Green Agar is a highly selective medium for the isolation of *Salmonella* other than *S. typhi* from feces and other materials. Brilliant Green Agar with addition of Novobiocin confers an additional measure of selectivity by inhibiting contaminant organisms commonly seen on agar media when isolating *Salmonella*[1].

DESCRIPTION AND PRINCIPLE OF USE:

Brilliant Green Agar was first described by Kirstensen in 1925[2] and later improved by Kauffmann in 1935[3]. It is a highly selective medium for the recovery of salmonellae except for the typhoid and paratyphoid bacilli strains[4]. Brilliant Green dye inhibits gram-positive bacteria and a majority of gram-negative bacilli. Phenol red serves as a pH indicator, yielding a yellow color as a result of acid formation from lactose and sucrose fermentation.

INOCULATION PROCEDURE:

Pull back the lower right corner adjacent to the clear window of the InTray™ label until the protective seal is completely visible. Remove the seal by pulling the tab (Fig. 1). **Discard** the seal. **DO NOT REMOVE OR ALTER THE WHITE FILTER STRIP OVER THE VENT HOLE!**

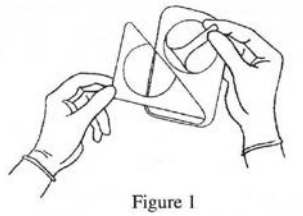

Figure 1

Inoculate the specimen on the surface of the medium. A sterile inoculating loop that has been moistened by touching the surface of the medium may be used for inoculation of solids or scrapings (Fig. 2).

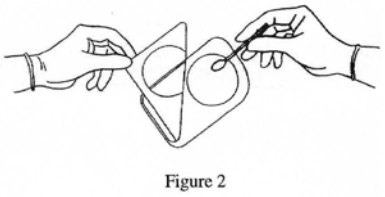

Figure 2

Reseal the InTray™ by pressing together the edges of the label against the plastic tray. **Press all around the InTray™ to insure a complete seal** (Fig. 3). Immediately label the InTray™ with patient or sample information and date. **DO NOT COVER THE VIEWING WINDOW**.

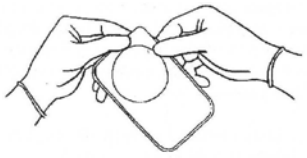

Figure 3

CULTURE AND RESULTS:

Use standard procedures to obtain isolated colonies from specimens. A less-selective or non-selective medium should also be streaked to increase the chance of recovery when the population of gram-negative bacteria in the sample may be low.

Incubate aerobically at 35 ± 2°C for 18-24 hours; If negative after 24 hours, re-incubate an additional 24 hours.

CULTURE RESPONSE:

Organism	ATCC™	Recovery	Colony Color
Escherichia coli	25922	Poor	Yellow-Green
Salmonella choleraesuis (Enteridis serotype)	13076	Good	Red
Salmonella choleraesuis (Typhi serotype)	19430	None to Poor	Red
Salmonella choleraesuis (Typhimurium serotype)	14028	Good	Red
Staphylococcus aureus	25923	Marked inhibition	-

STORAGE:

Upon receipt, store InTray™ BG and BG+Novobiocin under refrigeration (2-8°C). Avoid freezing or prolonged storage at temperatures above 40°C. Do not use InTray™ BG or BG+Novobiocin if the medium shows signs of deterioration or contamination. Expiration is 12 months past the date of manufacture.

PRECAUTIONS:

For *in vitro* diagnostic use only. Once the InTray™ has been inoculated and resealed, open only in a biological safety cabinet. Because of the potential for containing infectious materials, the InTray™ must be destroyed by autoclave or other equivalent means of disposal.

SYMBOL KEY

Symbol	Used For	Symbol	Used For
LOT	Batch code	18° 25°	Temperature limitation
	Date of manufacture	REF	Catalog number
	Use by YYY-MM-DD or YYYY-MM		Caution, consult accompanying documents
	Manufacturer	EC REP	Authorized representative in the European Community
IVD	In vitro diagnostic medical device	CE	in European community

REFERENCES:

1. Miller and Tate. 1990. Maryland Poultryman..
2. Kirstensen *et al*. 1925. *Br. J. Exp. Pathol*.
3. Kauffmann. 1935. *Z. Hyg. Infektionskr*.
4. Sack et al. *Cumitech 12*, American Society for Microbiology, 1980.

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