

Product: Presence Absence Broth

Catalog Number: i23150

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Beige, free-flowing, homogeneous.

Solution: 3.05% solution, soluble in purified water. Solution is purple, clear to very slightly opalescent.

Prepared Appearance: Purple, clear to very slightly opalescent, without significant precipitate.

pH for 3.05% solution at 25 °C: 6.8 ± 0.2 at 25°C

Cultural Response: Prepare Presence-Absence Broth in triple strength solution (9.15%). Sterilize in 50 mL quantities in milk dilution bottles with capacity greater than 150 mL. Add 100 mL of drinking water after medium is sterilized and cooled to room temperature. Inoculate bottles with the test organisms. Incubate bottles at $35 \pm 0.5^\circ\text{C}$ for 18-48 hours.

Organism	ATCC*	Inoculum CFU	Recovery	Color Change
<i>Escherichia coli</i>	25922	10^2 - 10^3	Good	Yellow with or without gas production
<i>Escherichia coli</i>	13762	10^2 - 10^3	Good	Yellow with or without gas production
<i>Enterococcus faecalis</i>	29212	10^2 - 10^3	Partial inhibition to fair	No change to slight yellow
<i>Pseudomonas aeruginosa</i>	27853	10^2 - 10^3	Partial inhibition to fair	No change

*ATCC is a registered trade mark of the American Type Culture Collection.

QC Department