PRODUCT INFORMATION
Pseudomonas Isolation Agar
Cat. No. P16-114

YOUR MEDIA IS OUR CULTURE

ALPHA BIOSCIENCES

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DESCRIPTION

Pseudomonas Isolation Agar is a modification of a formula described by King, Ward, and Raney. Pseudomonas Isolation Agar is especially useful in the isolation of Pseudomonas from clinical specimens. The incorporation of Irgasan (R) selectively inhibits most bacteria but allows the growth of Pseudomonas. The addition of glycerol also enhances pyocyanin production.

Formula* per Liter:

Pancreatic Digest of Gelatin	20.0g
Potassium Sulfate	10.0g
Magnesium Chloride	1.4g
Agar	13.6g
Irgasan	0.025g

Final pH: 7.0 ± 0.2 at 25°C

** Grams per liter may be adjusted or formula supplemented to obtain desired*

PREPARATION

Mix 45 grams of the agar medium in 980 ml of purified water. Add 20 ml of glycerol while heating to facilitate drainage from pipet. Heat with repeated stirring until boiling to dissolve completely. Distribute and autoclave at 121.0°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and light beige to beige.
2. Visually the prepared medium is yellow beige with trace to slight haze.
3. Expected cultural response after 18-24 hours at 35°C.

Organism	Result
Escherichia coli ATCC 25922	Inhibited
Staphylococcus aureus ATCC 25923	Inhibited
Pseudomonas aeruginosa ATCC 10145	Growth, blue-green colonies
Pseudomonas aeruginosa ATCC 27853	Growth, blue-green colonies

STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

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