

PRODUCT INFORMATION

CLED Agar

Cat. No. C03-101

DESCRIPTION

CLED Agar is used for the detection of urinary pathogens

FORMULA (g/L)

Pancreatic Digest of Gelatin	4.0 g	Casein Digest Peptone	4.0 g
L-Cystine	0.128 g	Beef Extract	3.0 g
Lactose	10.0 g	Bromothymol Blue	0.02 g
Agar	15.0 g		

Final pH: 7.3 ± 0.2 at 25 °C

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

PREPARATION

Mix 36 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and light beige.
2. Visually the prepared medium is clear and light grayish-green in color.
3. Expected cultural response after 18-48 hours at 35°C.

ORGANISM	RESULTS	
<i>Proteus mirabilis</i> ATCC 13048	Good Growth	Clear Colonies w/ Blue zones Swarming Inhibited
<i>Escherichia coli</i> ATCC 25922	Good Growth	Yellow colonies w/ yellow zones
<i>Salmonella typhimurium</i> ATCC 14028	Good Growth	Clear colonies w/ blue zones
<i>Staphylococcus aureus</i> ATCC 25923	Good Growth	Yellow 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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