

# Egg Yolk Tellurite Emulsion



Supplement used for the isolation and identification of *Staphylococcus aureus* producing lecithinase.

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(each vial is sufficient for 1 L of medium)

Egg Yolk	23.5 mL
Saline, sterile	23.5 mL
3.5% Potassium Tellurite Solution, sterile	3 mL

**Storage condition** : Store in the dark, 2 to 6°C

## • PROCEDURE

Suspend 63.0 G of Baird Parker Agar (MB-B1004) in 950 mL of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize by autoclave at 121°C for 15 minutes. Cool to 45 - 50°C in water bath. Aseptically add 50 mL of Egg Yolk Tellurite Emulsion for observed lecithinase reaction or add 10 vials of R.P.F. supplement (MB-R1857) for directly observed coagulase reaction to the medium. Mix well. Pour into petri dishes.

## • INTERPRETATION

Egg Yolk Tellurite Emulsion is a supplement used for the isolation and identification of *Staphylococcus aureus* producing lecithinase.

## • QUALITY CONTROL FOR USE

Appearance : opaque with precipitate

Color : yellow

Incubation conditions : 35 ± 2°C / 18 - 24 hours up to 48 hours

Microorganism	ATCC	Inoculum CFU	Growth	Characteristics	Lecithinase reaction
<i>Staphylococcus aureus</i>	25923	50-100	good	black colonies	+
<i>Proteus mirabilis</i>	25933	50-100	partially inhibited	brown colonies	-
<i>Bacillus subtilis</i>	9466	≥10 <sup>3</sup>	partially inhibited	brown colonies	-
<i>Escherichia coli</i>	25922	≥10 <sup>3</sup>	partially inhibited	-	-

**• STORE**

Store the supplement at 2 - 6°C in its original package tightly closed and use it before the expiry date on the label. Keep away from sources of heat and avoid excessive changes of temperature.

**• REFERENCES**

1. Willis A. T. (1977) Anaerobic Bacteriology 3rd Edn. Butterworths, London.
2. IeNAN. (1982). Técnicas para el Análisis Microbiológico de Alimentos y Bebidas. Madrid.
3. MOSSEL, D.A.A., KOOPMAN, M.J., JONGERIUS, E. (1967) Appl. Microbiol. 15, 650-653.

**• PACKAGE**

Cat. No : MB-E1863 Egg Yolk Tellurite Emulsion	1 vial
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