



EGG YOLK TELLURITE EMULSION (100ML/VL)

TS 001

DESCRIPTION

Egg Yolk Tellurite emulsion is a sterile suspension of stabilized egg yolk in saline with potassium tellurite used as enrichment in bacterial culture media.

PRINCIPLES OF THE PROCEDURE

Egg Yolk Tellurite, 100ml is added to Baird Parker Agar and is used to identify species of Staphylococcus based on these species' lipase and/or lecithinase activity. The potassium tellurite acts as part of the selectivity of the medium, suppressing the growth of non-Staphylococcus bacteria.

APPLIED IN MEDIUM

TM 358	BAIRD PARKER AGAR BASE,
TM 1579	BAIRD PARKER AGAR BASE (RPF) (As per ISO),
TM 635	BAIRD PARKER AGAR BASE (As per BIS),
TM 636	BAIRD PARKER AGAR BASE (As per IP),
TM 943	BAIRD PARKER AGAR BASE W/SULPHA,
TM 1835	BAIRD PARKER AGAR BASE,
TM 1337	CHROMOGENIC STAPHYLOCOCCUS AUREUS AGAR BASE

COMPOSITION

Ingredients	Concentration
Egg yolk emulsion	30 ml
Sterile saline	64 ml
Sterile 3.5% Potassium tellurite solution	06 ml

INSTRUCTIONS FOR USE

1. Warm up the refrigerated Egg Yolk Tellurite Emulsion (at 40-45°C) with gentle shaking, to get a uniform emulsion.
2. Aseptically add 50 ml of this suspension with 950 ml of sterilized, cooled (at 45-50°C), molten media.
3. Mix well and dispense as desired.
4. Use the medium according to the manufacturer's recommendation.



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PRODUCT DATA SHEET

MICROBIOLOGICAL PARAMETERS (GROWTH PROMOTION TEST)

Culture characteristics observed after inoculating 50-100 CFU on Baird Parker Agar Base (TM 358) for incubation period of 24 - 48 hours at $35 \pm 2^{\circ}\text{C}$, w/ added Egg Yolk Tellurite Emulsion (TS 001).

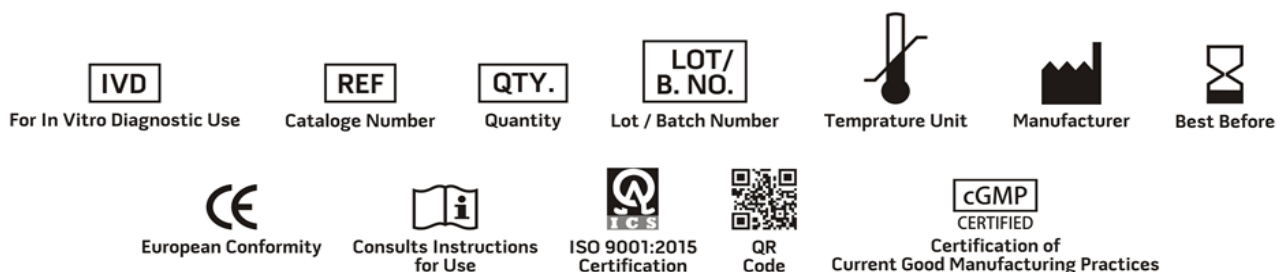
Test strains	ATCC	Growth	Appearance of colony	Lecithinase
<i>Staphylococcus aureus</i>	25923	Luxuriant	Black shiny	Positive
<i>Staphylococcus aureus</i>	6538	Luxuriant	Black shiny	Positive
<i>Staphylococcus epidermidis</i>	12228	Poor-Good	Black, not shiny	Negative
<i>Proteus mirabilis</i>	25933	Fair-Good	Brown-black	Negative
<i>Bacillus subtilis</i>	6633	None-Poor	Dark brown matt	Negative

STORAGE AND STABILITY

Store the supplement vials at $2-8^{\circ}\text{C}$ in its original packaging. If opened and not completely utilized, be certain that aseptic dispensing procedures are followed to maintain sterility of the emulsion. Protect from contamination by keeping container tightly closed

EXPIRATION

Do not use the material after the expiry period mentioned on the label. Expiry applies to emulsion in its intact container when stored as directed. Eliminate without using if any signs of deterioration are observed.



NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.