Egg Yolk Tellurite Enrichment

- For in vitro use only -

Catalogue No.

VE35-100 Egg Yolk Tellurite Enrichment [100-mL / 2-L] (Liquid)

A selective enrichment used for the selective isolation of coagulase-positive staphylococci when incorporated into Baird Parker Agar. The completed medium selectively isolates for coagulase positive staphylococci and allows for characterization and differentiation based on egg yolk reactions.

Active Ingredients per 100-mL Bottle (Each bottle prepares 2-L of media)

Egg yolk suspension ……..…… 30%
Potassium tellurite ….……..…… 0.15%

Appropriate Commercial Bases

Manufacturer	Description	Catalogue No.
Acumedia	Baird Parker Agar	7112
Difco	Baird Parker Agar	276840 / 276810
Merck	Baird Parker Agar	1.05406
Oxoid	Baird Parker Agar	CM275

Recommended Procedure for Media Preparation

1. Allow Egg Yolk Tellurite Enrichment to adjust to room temperature prior to its addition.
2. Prepare and sterilize 1-L of Baird Parker Agar Base according to the manufacturer's recommendations. (Usually 63-g of powder is dissolved in 950-mL of purified water. It is boiled and then autoclaved at 121ºC for 15 minutes)
3. Cool the sterilized medium to 45 to 50ºC in a warm water bath.
4. Briefly mix the Egg Yolk Tellurite Enrichment before adding.
5. Aseptically add 50-mL of Egg Yolk Tellurite Enrichment. Mix gently.
6. Dispense medium into sterile petri dishes. Allow medium to set on a cool, level surface.

Quality Control

The following organisms should be used to determine the performance of the completed medium. Inoculate and incubate at 35°C for 24 to 48 hours.

Organism	Expected Results
Staphylococcus aureus ATCC 25923	Growth, black colonies with clear halos (opaque zones maybe also observed)
Staphylococcus epidermidis ATCC 14990	Poor growth, no clearing
Proteus mirabilis ATCC 25933	Good growth, brown colonies
Escherichia coli ATCC 25922	Inhibition

Storage and Shelf Life

Our Egg Yolk Tellurite Enrichment has a shelf life of 52 weeks from the date of manufacture when stored at 4 to 8°C.

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