

Each supplement is designed for specific dehydrated media bases used in microbiological diagnostics.

Supplement: Colistin & Nalidixic Acid

Recommended Medium: Columbia Agar / CNA Agar + 5% Sheep Blood

Medium Description: CNA agar is a selective blood agar inhibiting Gram-negative bacteria.

Purpose/Notes: Selective for Gram-positive organisms (e.g., Staphylococcus, Streptococcus)

Supplement: Potassium Tellurite 1%

Recommended Medium: Charcoal-based or Tellurite Agar

Medium Description: Tellurite agar is used for Corynebacterium species isolation.

Purpose/Notes: Low-concentration tellurite supplement

Supplement: Potassium Tellurite 3%

Recommended Medium: Charcoal-based or Tellurite Agar

Medium Description: Higher tellurite concentration for increased selectivity.

Purpose/Notes: Suppresses background flora

Supplements for Dehydrated Media

Supplement: Polymyxin & Ceftazidime

Recommended Medium: Charcoal or selective agar base

Medium Description: Charcoal media provide nutrient-rich conditions for Legionella.

Purpose/Notes: Suppresses unwanted Gram-negative flora

Supplement: Egg Yolk Emulsion

Recommended Medium: Egg Yolk Agar base

Medium Description: Egg Yolk Agar detects lecithinase and lipase enzyme activity.

Purpose/Notes: Used for Clostridium, Bacillus, Staphylococcus species

Supplement: GVPC Supplement

Recommended Medium: BCYE / CYE Agar Base

Medium Description: GVPC mix = Glycine + Vancomycin + Polymyxin B + Cycloheximide.

Purpose/Notes: Highly selective Legionella GVPC medium

