

CHROMagar™ Streptococcus

Chromogenic medium for isolation and differentiation of *Streptococcus sp.*

Composed by:

CHROMagar™ Streptococcus base: ref CQ392(B)

CHROMagar™ Streptococcus suppl.: ref CQ392(S)

STORAGE Store the powder base and the liquid supplement at 15/30°C until shelf life date indicated on the label.

COMPOSITION (Classical formula adjusted and/or supplemented as required to meet performance criteria)

-> **Base (g/L):** Agar 15.0; Peptones and growth factors 20.0; Salts 7.5; Chromogenic and selective mix 2.4; total 44.9 g/L pH : 7.3 +/- 0.2

-> **Supplement (ml/L):** Growth factors 8.0

PREPARATION (Calculation for 1L)

- Suspend 44.9g of the powder base ref. CQ392(B) in 1L of purified water.
- Add 8 ml of the liquid supplement ref. CQ392(S).
- Disperse slowly in water by rotating for swelling of the agar. Autoclave at 121°C during 15 min.
- Cool in a water bath to 45-50°C, swirling and stirring gently.
- Pour into sterile Petri dishes or tubes and allow to gel and dry.

INCUBATION Isolate purified strains or samples (directly or after broth enrichment). Incubate at 37°C and read at 18h, 24h and 48h.

INTERPRETATION

Microorganism → Typical appearance

<i>Strep.agalactiae</i>	→ blue
<i>Enterococcus</i>	→ mauve to violet-mauve
<i>Strep.uberis</i>	→ blue to metallic blue
Other <i>Streptococcus</i>	→ various
<i>Staphylococcus sp</i>	→ inhibited
Gram negative bacteria	→ inhibited

PERFORMANCE and LIMITATIONS Definite identification may require additional testing.

DISPOSAL OF WASTE After interpretation all media should be destroyed by autoclaving at 121°C for at least 20 minutes.

English. For Performance Evaluation. Laboratory product to be used only by trained personnel.