

## CHROMagar™ StrepB

### Chromogenic medium for the isolation and differentiation of *Streptococcus B (S. agalactiae)*

article number SB282 : 5000 ml bottle  
article number SB283 : bulk size

NT-EXT-051
Version 1
02-Dec-09

**STORAGE** Store until the shelflife date indicated on the labels, as the following :

CHROMagar StrepB base ref SB282/B → at 15/30°C

CHROMagar StrepB-S1 ref SB282/S1 → at 15/30°C

CHROMagar StrepB-S2 ref SB282/S2 → at 2/8°C

**COMPOSITION in g/L** Agar 15.0; Peptones and yeast extract 20.0; salts 7.5 ; Chromogenic mix 4.5; pH : 7.3 +/- 0.2 (Classical formula adjusted and/or supplemented as required to meet performance criteria).

### PREPARATION

• PREPARATION OF StrepB base (**base**) + StrepB-S1 (**S1**) :

Suspend **the base** in purified water in the proportion of 44.7 g/L. Add **S1** in the proportion of 2 g/L into slurry. Stir until agar is well swollen. Autoclave (**base + S1**) at 121°C during 15 min, and cool to 45/50°C keeping on stirring.

• StrepB-S2 (**S2**) :

In a transparent vessel, prepare a 25 mg/ml solution of **S2** in purified water. Place under agitation with a magnetic stirring until **S2** is solubilized. Filter sterilise and aseptically add in the proportion of 10ml/L into slurry (**base + S1**) cooled to 45/50°C while mixing.

• Swirl or stir gently to homogenise. Pour into sterile Petri dishes or tubes and allow to gel and dry.

• Store in the dark. Prepared media plates can be kept for one day at room temperature. Plates can be stored for up to 1 month under refrigeration (2/8°C) if properly prepared and protected from light and dehydration.

**INOCULATION** If the agar plate has been refrigerated, allow to warm to room temperature before inoculation. Streak sample onto plate and incubate **aerobically** at 37°C for 24 hours.

### INTERPRETATION

**Microorganism** → **Typical colony appearance**

*StrepB* → mauve

Other micro-organism → blue, colourless or inhibited

### LIMITATIONS

- Incubation in CO2 may result in false positive cultures.
- Rare strains of *Streptococcus B* may require an additional 24h of incubation for a satisfactory colony size.
- Some strains of A, C & G Groups Streptococci may appear as mauve colonies.
- Final identification may require additional testing.

Performance has not been established.

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

**English.** For Research Use Only, Not for diagnostic Procedures. Laboratory product to be used only by trained personnel.

**Available from CHROMagar :**

### CHROMagar™ Candida

Differentiation of major pathogenic *Candida* species

### CHROMagar™ Orientation

Differentiation of urinary tract pathogens

### Rambach™ Agar

Detection of *Salmonella* spp

### CHROMagar™ Salmonella

Detection of *Salmonella* including *S. Typhi*

### CHROMagar™ Salmonella Plus

Detection of *Salmonella* according to the ISO 6579:2002 norm

### CHROMagar™ O157

Detection of *E.coli* O157

### CHROMagar™ E.coli

Detection and enumeration of *E.coli*

### CHROMagar™ ECC

Detection and enumeration of *E.coli* and coliforms

### CHROMagar™ Liquid ECC

Broth for pad technique for *E.coli*-coliforms

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Detection and enumeration of *Vibrio parahaemolyticus*, *Vibrio vulnificus* and *Vibrio cholerae*

### CHROMagar™ VRE

Detection of *E.faecium* VRE & *E.faecalis* VRE

### CHROMagar™ StrepB

Detection of *Streptococcus agalactiae* (GBS)

### CHROMagar™ ESBL

Detection of ESBL-producing bacteria

### CHROMagar™ KPC

Detection of Carbapenem-resistant bacteria

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