

CHROMagar™ VRE

**Chromogenic medium for the detection of Van A / Van B VRE
(= transmissible resistance = VRE.faecalis & VRE.faecium)**

article number VR952 : 5000ml bottle
article number VR953 : bulk size

NT-EXT-027
Version 5

STORAGE Store the **CHROMagar VRE base** at 15/30°C and the **CHROMagar VRE supplement** at 2/8°C, until the shelf life date indicated on the label.

COMPOSITION in g/L Agar 15,0; Peptones and yeast extract 20,0; Salts 5,0 ; Chromogenic mix 27,3; pH : 6,8 +/- 0,2 (Classical formula adjusted and/or supplemented as required to meet performance criteria).

PREPARATION Suspend the **CHROMagar VRE base** in the proportion of 67,3 g/L of purified water. Disperse powder slowly in water by rotating for swelling of the agar. Heat and bring to boiling (100°C) while swirling or stirring regularly. If using an autoclave, do so without pressure. DO NOT HEAT TO MORE THAN 100°C. The mixture may also be brought to a boil in a microwave oven: after initial boiling, remove from oven, stir gently, then return to oven for short repeated bursts of heating until complete fusion of the agar grains has taken place (large bubbles replacing foam). Cool in a water bath to 45-50°C. Swirl or stir gently to homogenise.

Prepare a stock solution of the **CHROMagar VRE supplement** in the proportion 300mg/5ml of ethanol / sterile water (1:1). Swirl well until complete dissolution. This **CHROMagar VRE supplement** stock solution should be used immediately after preparation, or can be stored at -20°C and used within one month.

Add **CHROMagar VRE supplement** solution in the proportion 1ml/L (=v/1000) to **CHROMagar VRE base** cooled at 45-50°C (final 60 mg/L). Swirl 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 ambient temperature. Plates can be stored for up to one 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 at 37°C for 24 hours.

INTERPRETATION

Microorganism → **Typical colony appearance**

VRE.faecium / VRE.faecalis	→ pink to mauve
VRE.gallinarum / VRE.casseliflavus	→ blue or inhibited
Other Gram positive bacteria	→ inhibited
Gram negative bacteria	→ inhibited

Performance has not been established.

LIMITATIONS Some rare strains of *Lactobacilli* and *Pediococcus* can sometimes appear as pinpoint mauve colonies.

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

English. Research Use Only, Not for Use in 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

CHROMagar™ Staph aureus
Detection and enumeration of *Staphylococcus aureus*

CHROMagar™ MRSA
Detection of MRSA including low level MRSA

CHROMagar™ Listeria
Detection and enumeration of *Listeria monocytogenes*

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

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

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Microbiology

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