

ChromoBio® VRE

A selective and differential chromogenic medium for the detection of Vancomycin Resistant Enterococci (VRE). The white opaque medium improves visualization of colour reactions.

Dehydrated media	
Code number:	500 g: VRE20500, 5 kg: VRE25000
Packaging of 500 g	500 g agar base + 20 vials selective supplement
Packaging of 5 kg	5 kg agar base + 200 vials selective supplement
Appearance of agar base:	Yellowish, homogeneous hygroscopic powder
Appearance of supplement:	White, homogeneous lyophilisate
pH before autoclaving (25 °C):	7,0 - 7,4

Direction: Suspend **25 g** in 500 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 115 °C for 15 minutes. Cool to 50 °C and add aseptically the contents of **one vial of VRE Selective Supplement** reconstituted with 4 ml sterile distilled water. Mix well before pouring.

Warning!

The medium is heat sensitive.
No further sterilisation is necessary or desirable.

Bottled media	
Code number:	100 ml: VRE30100, 500 ml: VRE30500
Packaging of 100 ml bottled media:	100 ml agar base + 1 vial selective supplement
Packaging of 500 ml bottled media:	500 ml agar base + 1 vial selective supplement
Appearance of agar base:	White, opaque gel
Appearance of supplement:	White, homogeneous lyophilisate
pH (25 °C):	7,1 - 7,3

Direction: Supplement the melted bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile Petri-dishes.

Plated media	
Code number:	55 mm: VRE50055, 90 mm: VRE50090
Appearance of plated media:	White, opaque gel
pH (25 °C):	7,1 - 7,3

Direction: Media in Petri-dishes are ready to use.

FORMULA FOR ONE LITRE OF COMPLETE MEDIUM in g/l

Nutrient mixture (peptones, extracts)	25,000
Mineral salts	5,000
Chromogenic mixture	5,000
White pigment	1,000
Vancomycin	0,004
Agar	14,000

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the supplements and the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Enterococcus faecalis</i> (VRE) ATCC 51299		Good, light green colonies	
<i>Enterococcus faecium</i> (VRE) ATCC 12202		Good, purplish-blue colonies	
<i>Enterococcus faecalis</i> ATCC 29212		Inhibited	
<i>Escherichia coli</i> ATCC 25922		Inhibited	
<i>Staphylococcus aureus</i> ATCC 29213		Inhibited	
<i>Candida albicans</i> ATCC 10231		Inhibited	

In vitro diagnostic – for professional use only!