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<b>OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION</b>		
<b>VANCOMYCIN SUPPLEMENT SR0186E</b>		

**VANCOMYCIN SUPPLEMENT**

**SR0186E**

Formula

Vial contents (each vial is sufficient to supplement 500ml of medium)

Vancomycin 3.0 mg

**Description**

A freeze-dried selective supplement for the isolation of vancomycin resistant Enterococci from clinical samples.

**Directions**

Aseptically add 2ml of sterile distilled water to one vial of Vancomycin Supplement (SR0186E) and mix gently to dissolve completely. Reconstitute one vial of Meropenem Supplement (SR0184E) as directed. Add two vials of Vancomycin Supplement (SR0186E) and one vial of Meropenem Supplement (SR0184E) to 1 litre of sterile VRE Agar Base (CM0985) prepared as directed and cooled to 50°C. Mix gently and pour into sterile Petri dishes.

**Physical Characteristics**

White pellet  
Sterility - passes test

**Microbiological Tests Using Optimum Inoculum Dilution**

Control Media: Tryptone Soya Agar or Columbia Blood Agar Base enriched with 5% v/v horse blood, where appropriate


**Reactions after incubation at 37°C for 24 and 48 hours**

Tested in VRE Agar Base CM0985 with the addition of Meropenem Supplement SR0184

Medium is challenged with 10-100 colony-forming units

<i>Enterococcus faecalis</i> VRE	NCTC12201	Pinpoint-3mm black colonies with aesculin hydrolysis
<i>Enterococcus faecium</i>	NCTC12202	Pinpoint-3mm black colonies with aesculin hydrolysis

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium.


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Medium is challenged with 1E+04 to 1E+06 colony-forming units

<i>Enterococcus faecalis</i>	ATCC®33186	No growth to pinpoint translucent pale brown colonies
<i>Enterococcus faecium</i>	ATCC®19434	No growth to pinpoint translucent pale brown colonies
<i>Escherichia coli</i>	ATCC®25922	No growth to pinpoint translucent pale brown colonies
<i>Proteus mirabilis</i>	NCTC10975	No growth to pinpoint translucent pale brown colonies
<i>Leuconostoc mesenteroides</i>	ATCC®10830a	Pinpoint-0.5mm translucent pale brown colonies

Negative strains are inhibited or shall produce colonies with a negative diagnostic reaction.

Additional challenging strains are employed.

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### Revision History

Section / Step	Description of Change	Reason for Change	Reference
Microbiological characteristics	Increase colony size of VRE positive strains	Change control	MOC-2022-0946