

# Violet Red Bile Lactose Agar (VRB Agar)

## VRBL Agar

TN 1149 500 g



### Intended use

Used for the detection and determination of the colony count of coliform bacteria from water, foodstuffs and dairy products.

### Form

Powder

### Colour

Reddish

### Storage

Dry, tightly closed, at 10...25 °C.

### Shelf life

5 years

### Typical composition

Component	g/l
Tryptic digested casein peptone	7
Yeast extract	3
Sodium chloride	5
Bile salts	1.5
Lactose	10
Neutral red	0.03
Crystal violet	0.002
Agar	11

### Directions

Suspend 37.5 g in 1 litre water and bring to the boil while stirring. Boil for 1-2 minutes until completely dissolved. Do not autoclave! Mix well before pouring.

### Final pH at 25 °C

7.4 ± 0.2

### Microbiological quality control

Incubate Violet Red Bile Lactose Agar (VRB Agar) (VRBL Agar) aerobically for 20-24 hours at 30 ± 1 °C.

Test strain	ATCC no.	CFU/ plate	Appearance of colonies
<i>Escherichia coli</i>	8739	10-100	red colonies, possibly with precipitate corona
<i>Escherichia coli</i>	25922	10-100	red colonies, possibly with precipitate corona
<i>Salmonella</i> Typhimurium	14028	10-100	colourless colonies
<i>Shigella flexneri</i>	29929	10-100	colourless colonies
<i>Pseudomonas aeruginosa</i>	9027	10-100	colourless colonies
<i>Enterococcus faecalis</i>	19433	10-100	n.a
<i>Staphylococcus aureus</i>	6538	10-100	n.a.

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