

VIOLET RED BILE GLUCOSE AGAR, PH EUR

A glucose containing selective and differential medium for the detection and enumeration of Enterobacteriaceae according to PH EUR (Agar Medium F – Crystal Violet Neutral Red Bile Agar with Glucose).

Dehydrated media	
Code number:	500 g: VBE20500, 5 kg: VBE25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before sterilization (25 °C):	7,2 – 7,6

Direction: Suspend **51,5 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Mix well before pouring.

Warning!

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

Prepared media	
Bottled media:	100 ml: VBE30100, 500 ml: VBE30500
Plated media:	55 mm: VBE50055, 90 mm: VBE50090
Colour:	Reddish purple
pH (25 °C):	7,3 – 7,5

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Gelatin peptone	7,000
Yeast extract	3,000
Bile salt No.3	1,500
Glucose monohydrate	10,000
Lactose monohydrate	10,000
Sodium chloride	5,000
Neutral red	0,030
Crystal violet	0,002
Agar	15,000

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 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>Escherichia coli</i>	ATCC 25922	Good, purplish red colonies with precipitate halo	
<i>Proteus mirabilis</i>	ATCC 29906	Good, purplish red colonies without swarming	
<i>Enterococcus faecalis</i>	ATCC 29212	Inhibited	

References: European Pharmacopoeia

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