

KANAMYCIN ESCULIN AZIDE BROTH

A selective and differential medium for the isolation of enterococci.

Dehydrated media	
Code number:	500 g: KEB20500, 5 kg: KEB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

Direction: Suspend **33 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 115 °C for 15 minutes.

Warning!

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

Prepared media	
Bottled media:	100 ml: KEB30100, 500 ml: KEB30500
Tubed media:	150 x 15 mm: KEB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	6,9 – 7,1

Direction: Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

FORMULA in g/l

Peptones	25,30
Sodium chloride	5,00
Sodium citrate	1,00
Ferric ammonium citrate	0,50
Sodium azide	0,15
Esculin	1,00
Kanamycin	0,02

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 and tubed media protected from light at room temperature. 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>	ATCC 29212	Good, colour change to black	
<i>Escherichia coli</i>	ATCC 25922	Inhibited	

References: Mossel et al. (1978) Arch. Lebensmittel-hyg. 29: 121.

For professional use only!