

KANAMYCIN ESCULIN AZIDE AGAR

A selective and differential medium for the isolation of enterococci.

Dehydrated media	
Code number:	500 g: KEA20500, 5 kg: KEA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

Direction: Suspend **48 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: KEA30100, 500 ml: KEA30500
Plated media:	55 mm: KEA50055, 90 mm: KEA50090
Colour:	Yellowish
pH (25 °C):	6,9 – 7,1

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes 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
Agar	15,00

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>Enterococcus faecalis</i>	ATCC 29212	Good, black colonies with black halo	
<i>Escherichia coli</i>	ATCC 25922	Inhibited	

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

In vitro diagnostic – for professional use only!