

Kanamycin Esculin Azide Broth

KAA Broth

TN 1218 500 g



Intended use

Selective broth for the cultivation of enterococci.

Form

Powder

Colour

Bright beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

3 years

Typical composition

Component	g/l
Casein peptone	20
Yeast extract	5
Sodium chloride	5
Esculin	1
Sodium citrate	1
Ammonium iron (III) citrate	0.5
Sodium azide	0.15
Kanamycin sulfate	0.02

Directions

Dissolve 32.7 g in 1 litre distilled water, distribute into containers and autoclave at 121 °C for 15 minutes.

Final pH at 25 °C

7.1 ± 0.2

Microbiological quality control

Incubate Kanamycin Esculin Azide Broth (KAA Broth) aerobically for 20-24 hours at 36 ± 1 °C.

Test strain	No.	Growth	Blackening
<i>Enterococcus faecalis</i>	IEE 552/82	good	+
<i>Enterococcus faecalis</i>	ATCC 29212	good	+
<i>Enterococcus faecium</i>	clinical isolate	good	+
<i>Enterococcus durans</i>	ATCC 10541	good	+
<i>Bacillus subtilis</i>	ATCC 6633	inhibited	-
<i>Escherichia coli</i>	ATCC 25922	inhibited	-
<i>Staphylococcus aureus</i>	ATCC 25923	inhibited	-