

Kanamycin Esculin Azide Agar

KAA Agar

TN 1217 500 g



Intended use

Used for the isolation, differentiation and determination of the colony count of enterococci from foodstuffs, water and other test material.

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
Agar	10

Directions

Suspend 42.7 g in 1 litre distilled water and heat until completely dissolved. Autoclave for 15 minutes at 121 °C.

Final pH at 25 °C

7.1 ± 0.2

Microbiological quality control

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

Test strain	No.	Growth	Appearance of colonies
<i>Enterococcus faecalis</i>	IEE 552/82	good	greyish-black with black corona
<i>Enterococcus faecalis</i>	ATCC 29212	good	greyish-black with black corona
<i>Enterococcus faecium D 147f</i>	clinical isolate	good	greyish-black with black corona
<i>Streptococcus durans</i>	ATCC 10541	good	greyish-black with black corona
<i>Bacillus subtilis</i>	ATCC 6633	no growth	
<i>Escherichia coli</i>	ATCC 25922	no growth	
<i>Staphylococcus aureus</i>	ATCC 25923	inhibited	