

KF STREPTOCOCCUS AGAR BASE

A selective medium for the isolation and enumeration of enterococci.

Dehydrated media	
Code number:	500 g: KFA20500, 5 kg: KFA25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

Direction: Suspend **36 g** in 500 ml of distilled water and heat with frequent agitation until the medium boils well. Cool to 50 °C and add aseptically **10 drops (0,5 ml) TTC Solution, Sterile (TTC80030)**. Mix well before pouring.

Warning!

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

Prepared media	
Bottled media bases:	100 ml: KFA30100, 500 ml: KFA30500
Plated media:	55 mm: KFA50055, 90 mm: KFA50090
Colour:	Purple
pH (25 °C):	7,1 – 7,3

Direction: Supplement the melted bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	20,600
Maltose	20,000
Lactose	1,000
Sodium chloride	5,000
Sodium azide	0,400
Bromocresol purple	0,015
Sodium glycerophosphate	10,000
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: 48 h
<i>Enterococcus faecalis</i> ATCC 29212		Good, dark red colonies with yellow halo	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

References: Kenner et al. (1961) Appl. Microbiol. 9: 15.

In vitro diagnostic – for professional use only!