

## BILE ESCULIN AZIDE AGAR

A selective and differential medium for the isolation and presumptive identification of enterococci and group D streptococci.

Dehydrated media	
Code number:	500 g: BES20500, 5 kg: BES25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

**Direction:** Suspend **55 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. 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: BES30100, 500 ml: BES30500
Plated media:	55 mm: BES50055, 90 mm: BES50090
Colour:	Yellowish
pH (25 °C):	7,1 – 7,3

**Direction:** Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

## FORMULA in g/l

Tryptone	17,00
Peptones	3,00
Yeast extract	5,00
Bacteriological bile	10,00
Sodium chloride	5,00
Ferric citrate	0,50
Sodium azide	0,15
Esculin	1,00
Agar	13,35

**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>Streptococcus pyogenes</i> ATCC 19615		Inhibited	

**References:** Swan (1954) J. Clin. Pathol. 7: 160.  
ISO 7899-2

**In vitro diagnostic – for professional use only!**