EDWARDS LAB-AGAR™

Selective medium for the isolation Streptococcus agalactiae from *mastisis.*

Formula in g/L

Beef extract	10,00	Peptone	10,00
Esculin.	1,00	Sodium chloride.	5,00
Crystal violet.	0,0013	Thallous sulphate.	0,33
Agar	15,00	Defibrinated sheep blood.	50 ml

Final pH at 25°C: 7,4 ± 0,2

Principle:

A selective medium for the rapid isolation of Streptococcus agalactiae and other streptococci involved in bovine mastitis. Peptone and beef extract provide nitrogen, vitamins, minerals and amino acids essential for growth. Sodium chloride maintains osmotic equilibrium. The blood provides growth factor for the microorganisms. Crystal violet inhibits the growth of staphylococci. Thallous sulphate inhibits the growth of Enterobacteriaceae. Crystal violet and esculin are a differential agents.

Procedure:

- Inoculate the surface of the medium with centrifuged deposits from milk samples and incubate at 35°C for 24-48 hours.
  Look for pale blue colonies which should then be subcultured for further identification tests

Colony colour:

Streptococcus agalactiae	blue without black zone
Streptococcus uberis	brown with brown zone
Streptococcus dysgalactiae	grey without black zone

Storage / Shelf life

- Prepared plates at 2 - 12°C shielded from light
- The expiration date is indicated on the label.

Purpose:

- product intended the professional use in diagnostics in vitro

Dealing with waste:

- dealing with – waste according to regulations being in effect in this respect

Dealing with consumed bases:

- one should remove consumed bases according to procedures being in effect in the given individual

Pack size	Ref.
Box of 20 Petri dishes 90 mm	PP 0049

IVD CE

BioMaxima S.A. ul. Vetterów 5, 20-277 Lublin, Poland
tel.: 81 745 51 40; fax: 81 744 29 15; e-mail: info@biomaxima.com