Nutritious Sensitivity Agar

BC2074

This is a nutritiously rich sensitivity medium which uses peptones and agar with very low levels of antagonists to antibiotics. This medium will grow all organisms not having a specific need for blood, giving reproducible zone sizes.

Formula	**grams per litre**
Acid Hydrolysed Casein	2.0
Peptone	7.5
Beef Extract	5.0
Sodium chloride	5.0
Glucose	2.0
Purified Agar	15.0

pH: 7.4 +/- 0.2

Appearance: Transparent, almost colourless.

Preparation

Suspend 36.5 grams of powder in 1 litre of deionised water. Allow to soak for 10 minutes, swirl to mix then sterilise by autoclaving at 121°C for 15 minutes. Cool to 47°C and pour plates.

Storage of Preparted Medium

Plates should be stored in the dark at 2-8°C.Plates should be used within 1 week

Directions for use:

Inoculation: Joan Stokes method, surface inoculum for semi confluent growth, or breakpoint technique. Incubate at 37°C aerobically for 18-24 hours.

Quality Control Organisms - Suggestions

S. aureus	NCTC 6571	
E. coli (antibiotic sensitivity zones)	NCTC 10418	

References:

Ericsson, H.M. Sherris, J.C. 1971. Antibiotic sensitivity testing. Report of an international collaborative study. Acta. Pathol. Microbiol. Scand. Suppl. 217: 1-90.

Garrod, L.P. and Waterworth, P.M. 1969. Effect of medium composition on the apparent sensitivity of Pseudomonas aeruginosa to gentamicin. J. Clin. Pathol. 22:534-538.