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PRODUCT INFORMATION

PEA Blood Agar, also known as phenylethanol blood agar, is an enriched selective medium utilized to isolate obligate anaerobic bacteria from clinical specimens. It is particularly useful in selective isolation of anaerobes from mixed samples that contain rapid growing gram-negative bacteria.

PHENYLETHYL ALCOHOL AGAR WITH 5% SHEEP BLOOD Material 5037

PHYSICAL CHARACTERISTICS:

Appearance: Prepared medium is opaque and bright to dark red

pH: 7.1 - 7.5 @25°C

GROWTH RECOVERY:

Test Organisms	Expected Results
<i>Escherichia coli</i> ATCC® 25922	Partial to complete inhibition
<i>Proteus mirabilis</i> ATCC® 12453	Partial to complete inhibition; No swarming if present
<i>Staphylococcus aureus</i> ATCC® 25923	Good to moderate growth
<i>Streptococcus pyogenes</i> ATCC® 19615	Good to moderate growth

Not recommended for hemolytic reactions as results may be atypical

FORMULA* (per Liter):

Casein Digest of Peptone15.0g
 Papaic Digest of Soybean5.0g
 Phenylethanol2.5g
 Sodium Chloride5.0g
 Agar15.0g
 Sheep Blood, Defibrinated5%

*Adjusted and/or supplemented as required to meet performance criteria

STORAGE AND HANDLING INSTRUCTIONS:

Store sealed sleeves inverted at 2-8°C upon receipt. Do not heat or freeze and minimize exposure to light. Plates should be warmed to room temperature prior to use - not to exceed 30°C. Product expiry is 183 days (6 months) from the date of manufacture. Reference our *Prepared Media Storage and Handling* document for additional information.

S² Media

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