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Cat No. PD162 - CDC ANAEROBE BLOOD AGAR

Product Type: PETRI DISHES 90mm

Intended Use: CDC ANAEROBE BLOOD AGAR is recommended for the isolation, cultivation, and subculture of *Brucella* species and other anaerobes.

Principles and uses: CDC Agar is supplemented with sheep blood and is presently recognized as the best non-selective solid medium for growth of anaerobes due to the numerous growth factors including: L-cystine, Hemin and Vit K1. It is used for the primary isolation, quantitation, and partial identification of obligately anaerobic microorganisms from clinical specimens. It is recommended for primary isolation of all types of anaerobes including those requiring additional growth factors, such as *Bac. melaninogenicus*, *F. necrophorum*, etc. which grow with typical morphological characteristic colonies on this medium. With the addition of blood, it can be used to determine hemolytic reactions of aerobic and anaerobic microorganisms

Storage: 2-8 °C

Appearance: light beige

pH Range: 7.1 - 7.5

Warning and Precautions - For professional use only. Follow good microbiological lab practices while handling specimens and culture. Do not use Petri dishes if they show evidence of microbial contamination, discoloration, drying, cracking, or other signs of deterioration. Avoid freezing and overheating. The Petri Dishes may be used / inoculated up to the expiration date and incubated for the recommended incubation times. After use and prior to discarding, specimen containers and all contaminated material, including the used culture media and contaminated culture containers, must be sterilized or incinerated by validated procedures. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.

If excessive moisture is observed, invert the bottom over an off-set lid and allow to air dry in order to prevent formation of a seal between the top and bottom of the plate during incubation. Storage Instructions: On receipt, store plates in the dark at 2–8 °C. Avoid freezing and overheating. Do not open until ready to use.

Performance Testing Results

GPT: inoculum 10-100 cfu

TEST	ATCC	Incubation Temp. (°C)	Incubation Cond	Reaction
<i>Bacteroides fragilis</i>	23745	33-37 °C	Anaerobic, 48 hours	Growth
<i>Clostridium perfringens</i>	13124	33-37 °C	Anaerobic, 48 hours	Growth