PRODUCT INFORMATION

Product Type: Divided Petri Dishes 90mm (DD)

Cat No. DD011 - SUPPLEMENTED CHOCOLATE BLOOD AGAR

Intended Use:

Chocolate Blood Agar + Supplements:

Recommended for use with hemoglobin and Enrichment in qualitative procedures for isolation and cultivation of *Neisseria gonorrhoeae* and other fastidious microorganisms.

Principle and Uses:

Chocolate Blood Agar + Supplements:

Casein and meat peptones provide nitrogen, amino acids, and peptides necessary for bacterial growth. Dipotassium and monopotassium phosphates are buffers which serve to control pH changes resulting from amine production; such pH changes can be detrimental to organism survival. Cornstarch neutralizes toxic fatty acids. Enrichment supplies NAD, vitamins, amino acids, coenzymes, dextrose, ferric ions, and other growth factors needed to cultivate Neisseria species.

Composition

Chocolate Blood Agar + Supplements:

Casein Peptone - 7.5 g/L
Corn Starch - 1.0 g/L
Meat Peptone - 7.5 g/L
Monopotassium Phosphate - 1.0 g/L
Sodium Chloride - 5.0 g/L
Agar - 10.0 g/L
Dipotassium Phosphate - 4.0 g/L
Donor Sheep Blood – 95 ml/L

Supplements:

Glucose - 2.0 g/L
Vitamin B12 - 0.2 mg/L
Adenine - 20.0 mg/L
L-Glutamine - 200.0 mg/L
Guanine - 0.6 mg/L
p-Aminobenzoic acid - 0.26 mg/L
L-Cystine - 22.0 mg/L
NAD (Coenzyme 1) - 5.0 mg/L
Cocarboxylase - 2.0 mg/L
Iron (III) nitrate - 0.4 mg/L
Thiamine hydrochloride - 0.6 mg/L
Cysteine hydrochloride - 518.0 mg/L

Storage: 2-8°C
Appearance: Chocolate Blood Agar + Supplements: chocolate - brown
pH Range: Chocolate Blood Agar + Supplements: 7.2 - 7.6

Package contents: 10 plates in a package
Exp. Date: Printed on label and on the item.
Required materials not supplied: Laboratory equipment as required.

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.

Waste Disposal
After interpretation all items should be destroyed by standard incineration methods.

Performance Testing Results:
GPT: inoculum 10-100 cfu.

TEST	ATCC	Incubation Temp. (℃)	Incubation Cond.	Reaction 1	
Neisseria gonorrhoeae	49226	33-37 ℃	5% CO2, 24-48 hours	Growth	
Neisseria meningitidis	13090	33-37 ℃	5% CO2, 24-48 hours	Growth	
Streptococcus pneumoniae	49619	33-37 ℃	5% CO2, 24-48 hours	Growth	Yellow background
Haemophilus influenzae	49766	33-37 ℃	5% CO2, 24-48 hours	Growth	
Haemophilus influenzae	49247	33-37 ℃	5% CO2, 24-48 hours	Growth	

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