

Chocolate Agar Slant | Ready-to-use Media

a product by **Biomed MDX**

Effective Date: 22/12/2025

REF TB05C3021S

Intended Use:

Chocolate Agar Slant is for non-selective enriched growth medium used for the isolation and cultivation of fastidious microorganisms.

Principle of the Procedure:

The principle of Chocolate agar slant is a growth medium designed for the isolation of Haemophilus spp., particularly from respiratory specimens. The base of the medium, Columbia Agar, provides essential nutrients like peptones, carbohydrates, and salts necessary for bacterial growth and the agar is enriched with lysed horse blood. The lysed red blood cells release essential growth factors: hemic (X factor) and nicotinamide adenine dinucleotide (NAD or V factor). The addition of NAD is essential for the growth of fastidious microorganisms such as Haemophilus spp. and Neisseria spp. Further microbiological identification tests are necessary for definitive confirmation and diagnosis of specific microorganisms.

Product Summary:

Rich growth medium, especially useful for isolating fastidious respiratory bacteria. Contains essential nutrients and growth factors from lysed horse blood, promoting the development of demanding microorganisms. Further testing is needed for specific identification.

Formulation* (PER LITER):

Pancreatic Digest Casein	10.0g	Corn Starch	1.0g
Meat Peptic Digest	5.0g	Sodium Chloride	5.0g
Yeast Extract	5.0g	Agar	13.5g
Heart Pancreatic Digest	3.0g	Defibrinated Horse Blood	70ml
Nicotinamide Adenine Dinucleotide (NAD)	0.05g		

pH 7.2 +/- 0.2

*Adjust and/or supplemental as required to meet performance criteria

Procedure

Materials Provided

Chocolate Agar Slant.

Materials Required But Not Provided

Ancillary culture media, reagents, and laboratory equipment as required.

Test Procedure

1. Inoculate and streak the specimen as soon as possible after it is received in the laboratory with an aseptic technique.
2. Incubate at $35 \pm 2^\circ\text{C}$ for up to 24 hours.
3. Observe the result according to user requirements.
4. Dispose of all used reagents and contaminated materials as infectious waste. Laboratories must handle and dispose of all waste safely according to regulations.

Results

Examine for colonies exhibiting typical microscopic and colonial morphology. Appropriate biochemical or immunological tests may be required for final identification

Quality Control

Inoculate representative samples with the following strains. Incubate the inoculated tubes at $35 \pm 2^\circ\text{C}$ for up to 24 hours.

Strains	ATCC®	Growth Results
<i>Haemophilus influenzae</i>	10211	Growth
<i>Neisseria gonorrhoeae</i>	43069	Growth
Negative Control	-	No growth

Transportation:

Temperature fluctuations may occur during transportation. However, these fluctuations do not affect the performance, quality, or safety of the media.

Storage and Shelf Life:

Upon receipt, store tubes at 2 to 8°C in their original sleeve wrapping until just before use. Avoid freezing and overheating.

The tubes may be inoculated up to the expiration date (see package label) and incubated for the recommended incubation times.

Warning and Precautions:

For in vitro diagnostic use. For Professional Use Only. Do Not Reuse.

Do not use tubes if they show evidence of microbial contamination, discoloration, drying, cracking, or other signs of deterioration.













Limitations of the Procedure

This medium is for laboratory use only and is not intended for the diagnosis of disease or other conditions. Identifications are presumptive and colonies should be identified using appropriate methods

Reference




1. Azzahra, Aira. *Pengaruh Sterilisasi terhadap pH Media Nutrient Broth*. Diss. Universitas Bhakti Kencana, 2024.

Packaging Symbol

Symbol	Definition
	Catalogue number
	In Vitro Diagnostic Medical Device
	Batch code
	Date of manufacture
	Temperature limit
	Use-by date
	Keep away from sunlight
	Do not re-use
	Fragile, handle with care
	Consult instructions for use or consult electronic instructions for use
	Do not use if packaging damaged and consult instructions for use
	Manufacturer

Further Information:

For further information please contact your Biomed MDX representative.

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