
Product Specification

Product Name: Columbia CNA Agar Base

Product Code: SG7271

PRODUCT DESCRIPTION:

Columbia CNA Agar Base is used with defibrinated blood for the selective isolation of gram-positive cocci. This product contains Colistin and Nalidixic Acid.

Use:

Stir to suspend 42.5 g of dehydrated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute then autoclave it at 121 °C for 15min. Allow to cool (40– 45°C). Add 5mL of Sterile Defibrinated Sheep Blood to every 100 mL of the basal medium, before dispensing into petri dishes. For laboratory use only.

Components:

Tryptone (Pancreatic Digest of Casein) - 12.0g/L

Peptic Digest of Animal Tissue - 5.0g/L

Yeast Extract Powder - 3.0g/L

Beef Extract Powder - 3.0g/L

Corn Starch - 1.0g/L

Sodium Chloride - 5.0g/L

Polymyxin - 0.01g/L

Nalidixic Acid - 0.01g/L

Agar - 13.5g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Yellowish Powder
pH (@25°C):	7.3 ± 0.2
<u>Microbiological Tests</u>	
Group A beta-hemolytic streptococcus (CMCC(B)32210)	<u>Quality Control Results</u> PR ≥ 0.5, grayish-white, round, smooth, translucent colonies with raised edges and a β-hemolytic ring around them
<i>Streptococcus pneumoniae</i> (CMCC(B)33412)	White, round, raised colonies with an α-hemolytic zone around them
<i>Escherichia coli</i> (CMCC(B)43201)	G ≤ 1

* The microbiological test results were obtained from type cultures after incubation at a temperature of 36°C and observed after 24 hours.

Storage: Store in a dry and dark place at room temperature. Tighten the cap immediately after use.