

MUELLER HINTON 2 LAB-AGAR™ + 5 % SB

Medium for the susceptibility testing.

Formula in g/L

Beef infusion	2,00	Starch.....	1,50
Acid digest of casien.....	17,50	Agar	17,00
Defibrinated sheep blood.....	50,0 ml		

Final pH at 25°C: 7,3 ± 0,2

Principle:

Mueller Hinton 2 LAB-AGAR™ +5% SB is recommended by CLSI for antimicrobial disc susceptibility test of Streptococcus pneumoniae or other fastidious bacteria by the Kirby-Bauer diffusion method. Mueller Hinton 2 LAB-AGAR™ + 5% SB is prepared with selected raw materials. It contains low levels of thymine and thymidine. Thymine and thymidine levels of raw materials are determined using the disc diffusion procedure with trimethoprim-sulfamethoxazole (SXT) discs and Enterococcus faecalis ATCC 33186 and/or 29212. This medium contains also controlled levels of Ca²⁺ and Mg²⁺. Addition sheep blood improving the growth of Streptococcus pneumoniae.

Technique:

- ★ To prepare the inoculum, suspend 4-5 colonies grown on a primary isolation medium in 4-5 ml Trypticase Soy Broth (cat. no. PW4000). Density of suspension should be equal 0,5 ° MacFarland
- ★ Inoculate plates
- ★ Put appropriate disc
- ★ Incubate at 35±1°C for 24 hours in 5 % CO₂ conditions

Storage / Shelf life

- ★ Prepared plates at 2 - 12°C shielded from light
- ★ The expiration date is indicated on the label.

Purpose:

- ★ product intended for professional use in diagnostics in vitro

Dealing with waste:

- ★ dealing with – waste according to regulations being in effect in this respect

Dealing with consumed bases:

- ★ one should remove consumed bases according to procedures being in effect in the given individual

Pack size

Box of 20 Petri dishes 90 mm
Box of 20 Petri dishes 140 mm

Ref.

PP 1172
PP 0018

