

MUELLER HINTON 2 LAB-AGAR™

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

Final pH at 25°C: 7,3 ± 0,2

Principle:

Mueller Hinton 2 LAB-AGAR™ is recommended by CLSI and EUCAST for antimicrobial disc susceptibility test of most common, rapidly growing bacteria, by the Kirby-Bauer diffusion method. This medium can be used for susceptibility test for E-Test or M.I.C.E. method. Mueller Hinton 2 LAB-AGAR™ 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 Ca^{2+} and Mg^{2+} to obtain aminoglycosides inhibition zone against *P. aeruginosa* and tetracycline inhibition zones against staphylococci.

Technique:

- ★ To prepare the inoculum, suspend 4-5 colonies grown on a primary isolation medium in 4-5 ml Trypticase Soy Broth (ref. PW 4000) or in 4-5 0,85 % Sodium Chloride (ref. PW 3053). Density of suspension should be equal 0,5 ° MacFarland
- ★ Inoculate plates
- ★ Put appropriate disc or E-Test, M.I.C.E.
- ★ Incubate at 35±1°C at 24 hours CLSI or 18 ± 2 hours (EUCAST)

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

Ref.

PP 1170



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