70191 Millipore

Mueller Hinton Agar

suitable for microbiology, NutriSelect® Plus

NACRES: NA.74

PROPERTIES

Quality Level	100
sterility	non-sterile
product line	*BioChemika*
form	powder
shelf life	limited shelf life, expiry date on the label
composition	agar, 17.0 g/L beef infusion solids, 2.0 g/L casein hydrolysate, 17.5 g/L starch, 1.5 g/L
manufacturer/tradename	NutriSelect® Plus
application(s)	microbe id	susceptibility testing: suitable microbiological culture: suitable microbiology: suitable

DESCRIPTION

Application

Mueller Hinton Agar is a solid medium originally designed for the isolation of pathogenic *Neisseria* species, now widely used for antibiotic susceptibility testing (including sulfonamides) of aerobic and facultatively anaerobic bacteria isolated from clinical specimens.
Mueller Hinton Agar has been used:

- in culturing *Escherichia coli* ATCC® 25922 strain for disc diffusion studies
- in disk diffusion assay of fusidic acid against *Staphylococcus aureus*, *Bacillus cereus*, *Pseudomonas aeruginosa* and *Escherichia coli*
- in agar diffusion assay of drug loaded nano-hydroxyapatite formulations against *Staphylococcus aureus*, *Pseudomonas aeruginosa* and *Escherichia coli*

Preparation Note

Suspend 38 g in 1 litre of distilled water, bring to the boil to dissolve the medium completely and sterilize by autoclaving at 121°C for 15 minutes.

Other Notes

Enhancement of cefotoxamine and other cephalosporins against *Enterococcus faecalis* by blood supplemented Mueller-Hinton agar

Footnote

We offer two media types: the superior granulated GranuCult® and the cost-efficient powdered NutriSelect® culture media, depending on your needs.
The designations basic, plus, or prime are added to indicate the quality control level, from basic quality control to standard QC plus to prime for full regulatory compliance.

Legal Information