

MRSA SCREEN AGAR BASE

A selective medium for the presumptive identification of MRSA.



Dehydrated media	
Code number:	500 g: MRS20500, 5 kg: MRS25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **39 g** in 500 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically the contents of **one vial of MRSA Selective Supplement (MSS80004)** reconstituted with 4 ml of sterile distilled water. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: MRS30100, 500 ml: MRS30500
Plated media:	55 mm: MRS50055, 90 mm: MRS50090
Colour:	Yellowish
pH (25 °C):	7,3 – 7,5

Direction: Supplement the melted bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	19,5
Starch soluble	1,5
Sodium chloride	40,0
Agar	17,0

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 48 h
MRSA ATCC 33591		Good	
MSSA ATCC 29213		Inhibited	

Version: 6.

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