

PHENYLALANINE RHAMNOSE (FARH) AGAR

A differential medium for the differentiation of bacteria on the basis of phenylalanine deamination and rhamnose fermentation.

Dehydrated media	
Code number:	500 g: PRH20500, 5 kg: PRH25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,5 – 6,9

Direction: Suspend **12 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Dispense into test tubes and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: PRH30100 500 ml: PRH30500
Tubed media:	100 x 12 mm: PRH40003 (3 ml)
Colour:	Green
pH (25 °C):	6,6 – 6,8

Direction: Dispense the melted bottled media aseptically into sterile test tubes. Media in tubes are ready to use.

FORMULA in g/l

Peptones	1,00
Rhamnose	1,00
Sodium chloride	2,00
L-Phenylalanine	1,00
Bromothymol blue	0,04
Buffers	2,00
Agar	5,00

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 and tubed media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Reactions	
		Rhamnose	PAD
<i>Escherichia coli</i> ATCC 25922		+	-
<i>Proteus mirabilis</i> ATCC 29906		-	+

References: Henrikson (1950) J. Bacteriol. 60: 225.

In vitro diagnostic – for professional use only!