

NUTRIENT AGAR, SEMISOLID

A semi-solid differential medium for the differentiation of bacteria on the basis of their motility.

Dehydrated media	
Code number:	500 g: NUA20500-SS, 5 kg: NUA25000-SS
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 – 7,2

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

Prepared media	
Bottled media:	100 ml: NUA30100-SS, 500 ml: NUA30500-SS
Tubed media:	100 x 12 mm: NUA40003-SS (3 ml)
Colour:	Yellowish
pH (25 °C):	6,8 – 7,2

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

FORMULA in g/l

Peptones	8
Agar	4

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	Growth	Incubation time: 24 h
<i>Escherichia coli</i> ATCC 25922		Positive, motility	
<i>Shigella sonnei</i> ATCC 25931		Negative, without motility	

In vitro diagnostic - for professional use only!