

NUTRIENT YEAST GLUCOSE (NYDA) AGAR

A non-selective general purpose medium for the cultivation of micro-organisms.

Dehydrated media	
Code number:	500 g: NYG20500, 5 kg: NYG25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **30 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: NYG30100, 500 ml: NYG30500
Plated media:	55 mm: NYG50055, 90 mm: NYG50090
Colour:	Yellowish
pH (25 °C):	7,3 – 7,5

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	7
Yeast extract	5
Glucose	1
Sodium chloride	4
Agar	13

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: 24 h
<i>Escherichia coli</i>	ATCC 25922	Good	
<i>Staphylococcus aureus</i>	ATCC 29213	Good	
<i>Saccharomyces cerevisiae</i>	ATCC 9763	Good	

References: Turner et al. (1984)

In vitro diagnostic – for professional use only!