

DNASE AGAR WITH TOLUIDINE BLUE

A differential medium for the detection of deoxyribonuclease activity of micro-organisms.

Dehydrated media	
Code number:	500 g: DNT20500, 5 kg: DNT25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,1 – 7,5

Direction: Suspend **40 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: DNT30100, 500 ml: DNT30500
Plated media:	55 mm: DNT50055, 90 mm: DNT50090
Colour:	Blue
pH (25 °C):	7,2 – 7,4

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

FORMULA in g/l

Tryptose	20,0
Sodium chloride	5,0
Deoxyribonucleic acid	2,0
Toluidine blue	0,1
Agar	13,0

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: 24 h
<i>Staphylococcus aureus</i> ATCC 29213		Good, with pink halo	
<i>Staphylococcus epidermidis</i> ATCC 14990		Good, without halo	

References: Jeffries et al. (1957) J. Bact. 73: 590.

In vitro diagnostic – for professional use only!