

DTM AGAR BASE

A highly selective medium for the isolation of dermatophytes.

Dehydrated media	
Code number:	500 g: DTM20500, 5 kg: DTM25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	5,3 – 5,7

Direction: Suspend **20 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 DTM Selective Supplement (DTS80004)**, reconstituted with 4 ml of 1 : 1 mixture of ethanol and sterile distilled water. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: DTM30100, 500 ml: DTM30500
Plated media:	55 mm: DTM50055, 90 mm: DTM50090
Tubed media:	150 x 15 mm: DTM40006 (6 ml, slant)
Colour:	Orange red
pH (25 °C):	5,4 – 5,6

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

FORMULA in g/l

Peptones	10,0
Glucose	10,0
Phenol red	0,2
Agar	20,0

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 and tubed media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 25 °C	Growth	Incubation time: 72 h
<i>Trichophyton mentagrophytes</i> ATCC 9533		Good, red colour around the fungal growth	
<i>Aspergillus brasiliensis</i> ATCC 16404		Inhibited	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

References: Taplin et al. (1969) Arch. Dermatol. 99: 203.

In vitro diagnostic – for professional use only!