

Scheda 57 : Glucose agar

Glucose agar

Composition

Enzymatic digest of casein	10,0 g
Yeast extract	1,5 g
Glucose	10,0 g
Sodium chloride	5,0 g
Bromocresol purple	0,015 g
Agar	9 g to 18 g (*)
Water	1000 ml

(*) Depending on the gel strength of the agar

Preparation

Dissolve the components or the dehydrated complete medium in the water, by heating if necessary.

Adjust the pH. if necessary. so that after sterilization it is $7,0 \pm 0,2$ at 25 °C.

Dispense the culture medium in tubes (6.6) of appropriate capacity (e.g. 10 ml of culture medium for tubes of 16mm x 160 mm).

Sterilize for 15 min in an autoclave (6.1) set at 121 °C. Leave the tubes in a vertical position.

The medium may be stored for up to 1 week at $5\text{ °C} \pm 3\text{ °C}$.

In order to remove oxygen. just before use. heat the medium in boiling water or flowing steam for 15 min, then

cool rapidly to the incubation temperature.