

Blood Agar (Base)

TN 1106 500 g



Intended use

Used to produce blood plates and boiled blood plates, for the isolation and breeding of various fastidious and above all pathogenic microorganisms, and for determining their haemolysis forms.

Form

Powder

Colour

Bright beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

3 years

Typical composition

Component	g/l
Heart extract	10
Meat peptone	10
Sodium chloride	5
Agar	11

Directions

Suspend 36 g in 1 litre distilled water and heat until completely dissolved. Autoclave at 121 °C for 15 minutes and cool down to 45-50 °C. Add 5-10 % defibrinated sheep or horse blood to the cooled base medium, mix carefully and pour plates.

Final pH at 25 °C

7.0 ± 0.2

Microbiological quality control

Incubate Blood Agar (Base) aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	Growth	Haemolysis
<i>Staphylococcus aureus</i> ATCC 25923	good	β-Haemolysis
<i>Streptococcus pyogenes</i> ATCC 12344	good	β-Haemolysis
<i>Listeria monocytogenes</i> ATCC 19115	good	β-Haemolysis
<i>Enterococcus durans</i> ATCC 10541	good	α-Haemolysis
<i>Enterococcus faecalis</i> ATCC 19433	good	no Haemolysis