

Bacteriological Agar

#GCM25.0500

(for research only)

Product:	European Bacteriological Agar is a natural hydrocolloid extracted from algae belonging to the Rhodophyta phylum (red algae), including <i>Gelidium</i> , <i>Pterocladia</i> , and <i>Gracilaria</i> spp. Bacteriological Agar is a mixture of linear polysaccharide agarose and agarpectin molecules, and serves as a gelling agent for the preparation of solid culture media and other microbiological applications. Main advantages of this particular agar, are the absence of growth inhibitors of microorganisms, it's excellent transparency, and high hysteresis. In comparison with American Bacteriological Agar, European Agar used at the same concentration results in higher gel strength.
Quantity:	500g
Appearance:	White/Beige cream powder.
Storage:	2°C – 25°C. When not in use, keep container closed to avoid hydration.

Chemical Characteristics:

Water content:	Max: 10%
Ash content:	Max: 4,5%
Gel Strength (1,5%):	800-1100 g/cm ²
Melting point (1,5%):	85±5°C
Gelling point (1,5%):	35±3°C
Transparency (1,5%):	Max: 12 NTU
Particle size:	95% over sieve 60
pH (1,5%):	7.0±0,4 before, and 6,5±0,4 after autoclaving

Quality Control:

Each batch is thoroughly tested for biological performance against a wide range of bacterial cultures to ensure absence of inhibitors and proper growth characteristics. With a standard plate count, less than 3000 cfu/g are detected. Other microbiological tests show less than 3 cfu/g of coliforms and less than 100 cfu/g of yeast/molds. It is negative for *E.coli* and *Salmonella*.

ORDERING INFORMATION – Culture Media and Components

Reference #	Product Name	Quantity
GCM01.0500	LB Agar (Lennox)	500 g
GCM02.0500	LB Broth (Lennox)	500 g
GCM03.0500	Luria Agar (Miller´s LB Agar)	500 g
GCM04.0500	Luria Broth (Miller´s LB Broth)	500 g
GCM05.0500	Luria Agar (Miller´s Modification)	500 g
GCM06.0500	Luria Broth (Miller´s Modification)	500 g
GCM07.0500	Terrific Broth	500 g
GCM08.0500	Modified Terrific Broth	500 g
GCM09.0500	2xYT Medium	500 g
GCM10.0500	2xYT Agar	500 g
GCM11.0500	SOB Medium	500 g
GCM12.0500	SOC Medium	500 g
GCM13.0500	YPD Broth	500 g
GCM14.0500	YPD Agar	500 g
GCM15.0500	YNB w/o amino acids and w/o ammonium sulfate	500 g
GCM16.0500	YNB w/o amino acids with ammonium sulfate	500 g
GCM17.0500	LB Broth (Auto Induction Medium)	500 g
GCM18.0500	2xYT Broth (Auto Induction Medium)	500 g
GCM19.0500	Terrific Broth (Auto Induction Medium)	500 g
GCM20.0500	Super Broth (Auto Induction Medium)	500 g
GCM21.0500	Peptone	500 g
GCM22.0500	Bacterial Peptone	500 g
GCM23.0500	Tryptone	500 g
GCM24.0500	Yeast Extract	500 g
GCM25.0500	Bacteriological Agar	500 g
GCM26.0500	Dextrose	500 g
GCM27.0500	Sucrose	500 g

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