

PharmaBio® ANTIBIOTIC ASSAY MEDIA

Media for the microbiological assay of antibiotics according to USP and PH EUR.

Dehydrated media	
Code number:	500g: (PA01–PA39)20500, 5kg: (PA01–PA39)25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder

Direction: Suspend the amount indicated below of dehydrated media in one litre of distilled water. If necessary, add the supplement and heat with frequent agitation until the medium boils well (in case of agars) or heat gently to dissolve the medium completely (in case of broths). Sterilise by autoclaving at 121 °C for 15 minutes.

MEDIUM 1	
Peptone	6,0
Casein peptone	4,0
Yeast extract	3,0
Beef extract	1,5
Glucose	1,0
Agar	15,5
31 g/l pH = 6,5 – 6,7	

MEDIUM 2	
Peptone	6,0
Yeast extract	3,0
Beef extract	1,5
Agar	15,5
26 g/l pH = 6,5 – 6,7	

MEDIUM 3	
Peptone	5,00
Yeast extract	1,50
Beef extract	1,50
Glucose	1,00
Sodium chloride	3,50
K ₂ HPO ₄	3,68
KH ₂ PO ₄	1,32
17,5 g/l pH = 6,9 – 7,1	

MEDIUM 5	
Peptone	6,0
Yeast extract	3,0
Beef extract	1,5
Agar	15,5
26 g/l pH = 7,8 – 8,0	

MEDIUM 8	
Peptone	6,0
Yeast extract	3,0
Beef extract	1,5
Agar	15,5
26 g/l pH = 5,8 – 6,0	

MEDIUM 9	
Casein peptone	17,0
Soy peptone	3,0
Glucose	2,5
Sodium chloride	5,0
Dipotassium hydrogen phosphate	2,5
Agar	20,0
50 g/l pH = 7,1 – 7,3	

MEDIUM 10 BASE	
Casein peptone	17,0
Soy peptone	3,0
Glucose	2,5
Sodium chloride	5,0
K ₂ HPO ₄	2,5
Agar	12,0
42 g/l + 10 ml TWEEN 80 (TWS80100) pH = 7,1 – 7,3	

MEDIUM 11	
Peptone	6,0
Casein peptone	4,0
Yeast extract	3,0
Beef extract	1,5
Glucose	1,0
Agar	15,5
31 g/l pH = 8,2 – 8,4	

MEDIUM 13	
Peptone	10
Glucose	20
30 g/l pH = 5,5 – 5,7	

MEDIUM 19	
Peptone	9,4
Yeast extract	4,7
Beef extract	2,4
Glucose	10,0
Sodium chloride	10,0
Agar	23,5
60 g/l pH = 6,0 – 6,2	

MEDIUM 32	
Peptone	6,0
Casein peptone	4,0
Yeast extract	3,0
Beef extract	1,5
Glucose	1,0
Manganese sulphate	0,3
Agar	15,2
31 g/l pH = 6,5 – 6,7	

MEDIUM 34 BASE	
Peptone	10
Beef extract	10
Sodium chloride	3
23 g/l + 10 ml Glycerol (GLC80100) pH = 6,9 – 7,1	

MEDIUM 35 BASE	
Peptone	10
Beef extract	10
Sodium chloride	3
Agar	17
40 g/l + 10 ml Glycerol (GLC80100) pH = 6,9 – 7,1	

MEDIUM 36	
Casein peptone	15
Soy peptone	5
Sodium chloride	5
Agar	15
40 g/l pH = 7,2 – 7,4	

MEDIUM 39	
Peptone	5,00
Yeast extract	1,50
Beef extract	1,50
Glucose	1,00
Sodium chloride	3,50
K ₂ HPO ₄	3,68
KH ₂ PO ₄	1,32
17,5 g/l pH = 7,8 – 8,0	

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled and tubed 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.

References: European Pharmacopoeia, United States Pharmacopoeia

In vitro diagnostic – for professional use only!