

BioWhittaker™クラシック培地の組成

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RPMI培地

カタログ番号	09-774	12-115	12-167	12-918	12-702	04-525	15-702	BE12-752	— Europe only —	
	Liquid mg/L	Liquid mg/L	Liquid mg/L	Liquid mg/L	Liquid mg/L	Liquid mg/L	Powder mg/L	Liquid mg/L	BE12-115/U1 Liquid mg/L	BE12-702/U1 Liquid mg/L
Component										
Inorganic Salts										
Ca(NO ₃) ₂ ·4H ₂ O	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
KCl	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00	400.00
MgSO ₄ (anhyd.)							48.83			
MgSO ₄ ·7H ₂ O	100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00	100.00
NaCl	5,000.00	5,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	5,000.00	6,000.00
NaHCO ₃	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00			2,000.00	2,000.00	2,000.00
Na ₂ HPO ₄							800.49			
Na ₂ HPO ₄ ·7H ₂ O	1,512.00	1,512.00	1,512.00	1,512.00	1,512.00	1,512.00		1,512.00	1,512.00	1,512.00
Other Components										
Glucose	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00		2,000.00	2,000.00
Glutathione (reduced)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
HEPES	5,957.50	5,957.40							5,957.50	
MOPS						34,535.00				
Penicillin G Potassium (units/ml)	100									
Phenol Red·Na	5.00	5.00	5.00		5.00	5.00	5.10	5.00	5.00	5.00
Streptomycin (mcg/ml)	50.00									
Amino Acids										
L-Arginine	200.00	200.00	200.00	200.00	200.00	200.00		200.00	200.00	200.00
L-Arginine·HCl							241.86			
L-Asparagine·H ₂ O	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
L-Aspartic Acid	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
L-Cystine·2HCl							65.19			
L-Cystine	50.00	50.00	50.00	50.00	50.00	50.00		50.00	50.00	50.00
L-Glutamic Acid	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
L-Glutamine	300.00	300.00			300.00	300.00	300.00	300.00		
L-Alanyl-L-Glutamine (UltraGlutamine 1)									446.00	446.00
Glycine	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
L-Histidine	15.00	15.00	15.00	15.00	15.00	15.00		15.00	15.00	15.00
L-Histidine·HCl·H ₂ O							20.27			
Hydroxy L-Proline	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
L-Isoleucine	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
L-Leucine	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
L-Lysine·HCl	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
L-Methionine	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
L-Phenylalanine	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
L-Proline	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
L-Serine	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
L-Threonine	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
L-Tryptophan	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
L-Tyrosine	20.00	20.00	20.00	20.00	20.00	20.00		20.00	20.00	20.00
L-Tyrosine·2Na							28.83			
L-Valine	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
Vitamins										
p-Aminobenzoic Acid	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d-Biotin	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
D-Ca Pantothenate	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Choline Chloride	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Folic Acid	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
i-Inositol	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00
Nicotinamide	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Pyridoxine·HCl	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Riboflavin	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Thiamine·HCl	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Vitamin B12	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

培地, 試薬, 血清

Moore, G.E., R.E. Gerner, and H.A. Franklin (1967) J. Am. Med. Assoc. 199:87 – 92.