

## BioWhittaker™クラシック培地の組成

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## NCTC 109培地

カタログ番号	12-923 Liquid mg/L
Component	
Inorganic Salts	
CaCl <sub>2</sub> (anhyd.)	200.00
KCl	400.00
MgSO <sub>4</sub> (anhyd.)	100.00
NaCl	6,800.00
NaHCO <sub>3</sub>	2,200.00
NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O	140.00
Other Components	
Coccarboxylase (TPP)	1.00
Coenzyme A (CoA)	2.50
Deoxyadenosine	10.00
Deoxycytidine·HCl	10.00
Deoxyguanosine	10.00
Diphosphopyridine Nucleotide·4H <sub>2</sub> O	7.00
Flavin Adenine Dinucleotide·2Na	1.00
D-Glucosamine·HCl	3.85
Glucose	1,000.00
D-Glucuronolactone	1.80
Glutathione (reduced)	10.00
5-Methylcytosine·HCl	0.16
Phenol Red·Na	20.00
Sodium Acetate·3H <sub>2</sub> O	50.00
Sodium Glucuronate·H <sub>2</sub> O	1.80
Thymidine	10.00
Triphosphopyridine Nucleotide·Na	1.00
Tween 80	5.40
Uridine 5-Triphosphate·3Na·2H <sub>2</sub> O	1.00
Amino Acids	
L-Alanine	31.48
L-Amino Butyric Acid	5.51
L-Arginine·HCl	31.16
L-Asparagine·H <sub>2</sub> O	9.19
L-Aspartic Acid	9.91
L-Cysteine·HCl·H <sub>2</sub> O	288.57
L-Cystine	10.49
L-Glutamic Acid	8.26
L-Glutamine	135.70
Glycine	13.51
L-Histidine·HCl·H <sub>2</sub> O	26.65
Hydroxy L-Proline	4.09
L-Isoleucine	18.04
L-Leucine	20.44
L-Lysine·HCl	38.43
L-Methionine	4.44
L-Ornithine·HCl	9.41
L-Phenylalanine	16.53
L-Proline	6.13
L-Serine	10.75
L-Taurine	4.18
L-Threonine	18.93
L-Tryptophan	17.50
L-Tyrosine	16.40
L-Valine	25.00

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カタログ番号	12-923 Liquid mg/L
Component	
Vitamins	
p-Aminobenzoic Acid	0.125
Ascorbic Acid	50.00
d-Biotin	0.025
Calciferol	0.250
D-Ca Pantothenate	0.030
Choline Chloride	1.250
Folic Acid	0.025
i-Inositol	0.125
Menadione	0.025
Niacinamide	0.063
Niacin	0.063
Pyridoxine·HCl	0.063
Pyridoxal·HCl	0.063
DL-Tocopherol phosphate·Na <sub>2</sub>	0.025
Riboflavin	0.025
Thiamine·HCl	0.025
Vitamin A Acetate	0.275
Vitamin B <sub>12</sub>	10.00



McQuilkin, W.T., V.J. Evans, and W.R. Earle  
[1957] J. Nat. Canc. Inst. 19:885 – 907.

## リヒターCM培地

カタログ番号	04-648 Liquid mg/L
Component	
Inorganic Salts	
CaCl <sub>2</sub> ·2H <sub>2</sub> O	264.90
FeCl <sub>3</sub> ·6H <sub>2</sub> O	0.54
KCl	400.00
MgCl <sub>2</sub> ·6H <sub>2</sub> O	183.00
MgSO <sub>4</sub> ·7H <sub>2</sub> O	25.00
NaCl	6,800.00
NaHCO <sub>3</sub>	2,200.00
NaH <sub>2</sub> PO <sub>4</sub> ·H <sub>2</sub> O	150.00
ZnSO <sub>4</sub> ·7H <sub>2</sub> O	0.14
Other Components	
Glucose	2,000.00
Linoleic Acid	80.00
Lipoic Acid	0.20
Phenol Red·Na	10.00
Putrescine·2HCl	0.16
Sodium Pyruvate	110.00
Amino Acids	
L-Arginine·HCl	127.00
L-Asparagine·H <sub>2</sub> O	60.00
L-Cystine	24.00
L-Glutamine	584.00
L-Histidine·HCl·H <sub>2</sub> O	42.00
L-Isoleucine	52.00
L-Leucine	131.20
L-Lysine·HCl	72.60
L-Methionine	15.00
L-Phenylalanine	32.00
L-Serine	42.00
L-Threonine	48.00
L-Tryptophan	10.00
L-Tyrosine	36.00
L-Valine	46.00
Vitamins	
d-Biotin	0.10
Choline Chloride	56.00
D-Ca Pantothenate	1.00
Folic Acid	2.20
i-Inositol	36.00
Nicotinamide	1.00
Pyridoxine·HCl	1.00
Riboflavin	0.10
Thiamine·HCl	1.00
Vitamin B <sub>12</sub>	1.36