

Formulations

CLICK'S MEDIUM : RPMI -1640 (1:1)

Cat.# 112-133

COMPONENTS	mg / L
Inorganic Salts	
CaCl ₂ (anhydrous)	70.00
KCl	400.00
Ca(NO ₃) ₂	34.80
MgSO ₄ • 7H ₂ O	150.00
NaCl	7000.00
NaHCO ₃	1350.00
Na ₂ HPO ₄	425.00
KH ₂ PO ₄	30.00
Other Components	
Adenosine	12.50
Cytosine	12.50
D-Glucose	1500.00
Guanosine	12.50
HEPES	2383.10
Phenol red•Na	7.50
Glutathione	0.50
Uridine	12.50
Amino Acids	
L-Alanine	17.80
L-Arginine	100.00
L-Arginine•HCl•H ₂ O	157.50
L-Asparagine	51.40
L-Aspartic acid	36.60
L-Cystine	55.00
L-Glutamic acid	39.40
L-Glutamine	442.00
Glycine	20.00
L-Histidine	7.50
L-Histidine•HCl•H ₂ O	55.30
Hydroxy-L-proline	10.00
L-Isoleucine	90.00
L-Leucine	90.00
L-Lysine•HCl	111.30
L-Methionine	26.30
L-Phenylalanine	47.50
L-Proline	33.00
L-Serine	36.00
L-Threonine	70.00
L-Tryptophan	15.00
L-Tyrosine	55.00

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COMPONENTS	mg / L
L-Valine	67.50
Vitamins	
d-Biotin	0.10
D-Ca pantothenate	1.125
Choline chloride	2.50
Folic acid	1.50
i-Inositol	19.50
Nicotinamide	1.50
p-Aminobenzoic acid	0.50
Pyridoxine.HCl	2.50
Pyridoxal.HCl	1.00
Riboflavin	0.20
Thiamine.HCl	1.50
Vitamin B ₁₂	0.0025

References: Click et al., (1972) Cell Immunol., 3:264-276

Wilson P.D.and Horster, M.F., (1983) Am.J.Physiol., 244 (Cell Physiol.13): C166-C174