

# Formulations

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

COMPONENTS	Cat.# 112-133 mg/L	COMPONENTS	Cat.# 112-133 mg/L
Inorganic Salts		Amino Acids (continued)	
CaCl <sub>2</sub> (anhydrous)	70.00	L-Histidine	7.50
KCl	400.00	L-Histidine•HCl•H <sub>2</sub> O	55.30
Ca(NO <sub>3</sub> ) <sub>2</sub>	34.80	Hydroxy-L-proline	10.00
MgSO <sub>4</sub> •7H <sub>2</sub> O	150.00	L-Isoleucine	90.00
NaCl	7000.00	L-Leucine	90.00
NaHCO <sub>3</sub>	1350.00	L-Lysine•HCl	111.30
Na <sub>2</sub> HPO <sub>4</sub>	425.00	L-Methionine	26.30
KH <sub>2</sub> PO <sub>4</sub>	30.00	L-Phenylalanine	47.50
Other Components		L-Proline	33.00
Adenosine	12.50	L-Serine	36.00
Cytosine	12.50	L-Threonine	70.00
D-Glucose	1500.00	L-Tryptophan	15.00
Guanosine	12.50	L-Tyrosine	55.00
HEPES	2383.10	L-Valine	67.50
Phenol red•Na	7.50	Vitamins	
Glutathione	0.50	d-Biotin	0.10
Uridine	12.50	D-Ca pantothenate	1.125
Amino Acids		Choline chloride	2.50
L-Alanine	17.80	Folic acid	1.50
L-Arginine	100.00	i-Inositol	19.50
L-Arginine•HCl•H <sub>2</sub> O	157.50	Nicotinamide	1.50
L-Asparagine	51.40	p-Aminobenzoic acid	0.50
L-Aspartic acid	36.60	Pyridoxine•HCl	2.50
L-Cystine	55.00	Pyridoxal•HCl	1.00
L-Glutamic acid	39.40	Riboflavin	0.20
L-Glutamine	442.00	Thiamine•HCl	1.50
Glycine	20.00	Vitamin B <sub>12</sub>	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