Table S1. Comparison of the medium formulation between DMEM(D6046) and RPMI(R8758)

Component	DMEM(D6046) (g/L)	RPMI(R8758) (g/L)
Inorganic Salts		
$CaCl_2$	0.2	
$Ca(NO_3)_2 \cdot 4H_2O$	-	0.1
$Fe(NO3)_3 \cdot 9H_2O$	0.0001	-
$MgSO_4$	0.09767	0.04884
KCl	0.4	0.4
$NaHCO_3$	3.7	2
NaCl	6.4	6
NaH_2PO_4	0.109	0.8
Amino Acids		
L-Alanyl-L-Glutamine	-	0.2
L-Arginine • HCl	0.084	0.05
L-Aspartic Acid	-	0.02
L-Cystine • 2HCl	0.0626	0.0652
L-Glutamic Acid	-	0.02
L-Glutamine	0.584	0.3
Glycine	0.03	0.01
L-Histidine • HCl • H_2O	0.042	0.015
Hydroxy-L-Proline		0.02
L-Isoleucine	0.105	0.05
L-Leucine	0.105	0.05
L-Lysine • HCl	0.146	0.04
L-Methionine	0.03	0.015
L-Phenylalanine	0.066	0.015
L-Proline	-	0.02
L-Serine	0.042	0.03
L-Threonine	0.095	0.02
L-Tryptophan	0.016	0.005
L-Tyrosine • 2Na • $2H_2O$	0.10379	0.02883
L-Valine	0.094	0.02
Vitamins		
D-Biotin	-	0.0002
Choline Chloride	0.004	0.003
Folic Acid	0.004	0.001
myo-Inositol	0.0072	0.035
Niacinamide	0.004	0.001
p-Amino Benzoic Acid	-	0.001
D-Pantothenic Acid·1/2Ca	0.004	0.00025
Pyridoxal • HCl	0.004	0.001
Pyridoxine • HCl	0.00404	-
Riboflavin	0.0004	0.0002
Thiamine • HCl	0.004	0.001
Vitamin B-12	-	0.000005
Other		
D-Glucose	1	2
Glutathione (reduced)	-	0.001
Phenol Red • Na	0.0159	0.0053
Pyruvic Acid • Na	0.11	-