



Title	Subtle changes in host cell density cause a serious error in monitoring of the intracellular growth of Chlamydia trachomatis in a low-oxygen environment: Proposal for a standardized culture method
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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 • 4H ₂ O	-	0.1
Fe(NO ₃) ₃ • 9H ₂ O	0.0001	-
MgSO ₄	0.09767	0.04884
KCl	0.4	0.4
NaHCO ₃	3.7	2
NaCl	6.4	6
NaH ₂ PO 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 ₂ O	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 ₂ O	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	-