

## 培养基配方表 (Media Formulation)

名称: RPMI 1640 培养基 干粉 含酚红和 L-谷氨酰胺,不含 HEPES

货号: P210LV/P210L7

组分 (Components)	分子量 (MW)	浓度 (mg/L)	摩尔浓度 (mM)
<b>氨基酸 (Amino Acids)</b>			
Glycine	75.07	10	0.133209
L-Cystine dihydrochloride	313.22	65	0.2075219
L-Glutamine	146.14	300	2.0528261
L-Isoleucine	131.17	50	0.3811847
L-Leucine	131.17	50	0.3811847
L-Lysine hydrochloride	182.65	40	0.2189981
L-Methionine	149.21	15	0.1005295
L-Phenylalanine	165.19	15	0.0908045
L-Serine	105.09	30	0.2854696
L-Threonine	119.12	20	0.1678979
L-Tryptophan	204.23	5	0.0244822
L-Tyrosine disodium salt dihydrate	261.18	29	0.1110345
L-Valine	117.15	20	0.1707213
L-Arginine	174.2	200	1.1481056
L-Asparagine monohydrate	150.13	56.82	0.378472
L-Aspartic acid	133.1	20	0.150263
L-Glutamic Acid	147.13	20	0.1359342
L-Histidine	155.15	15	0.0966806
L-Hydroxyproline	131.13	20	0.1525204
L-Proline	115.13	20	0.1737167
<b>无机盐 (Inorganic Salts)</b>			
Magnesium Sulfate	120.37	48.84	0.4057489
Potassium Chloride	74.55	400	5.3655265
Sodium Chloride	58.44	6000	102.6694045
Calcium Nitrate tetrahydrate	236.15	100	0.4234597
Sodium Phosphate dibasic	141.96	800	5.6353903
<b>维生素 (Vitamins)</b>			
Choline chloride	139.62	3	0.0214869
D-Calcium pantothenate	238.27	0.25	0.0010492
Folic Acid	441.4	1	0.0022655
i-Inositol	180.16	35	0.1942718
Niacinamide	122.12	1	0.0081887
Pyridoxine hydrochloride	205.64	1	0.0048629
Riboflavin	376.36	0.2	0.0005314

Thiamine hydrochloride	337.27	1	0.002965
Biotin	244.31	0.2	0.0008186
Para-Aminobenzoic Acid	137.14	1	0.0072918
Vitamin B12	1355.37	0.005	0.0000037
<b>其他组分 (Other Components)</b>			
D-(+)-Glucose	180.16	2000	11.1012433
Phenol Red	376.4	5	0.0132837
Glutathione (reduced)	307.32	1	0.0032539