

培养基配方表 (Media Formulation)

名称: McCoy's 5A 培养基 含酚红、L-谷氨酰胺和蛋白胨, 不含丙酮酸钠和 HEPES
 货号: L630KJ

组分 (Components)	分子量 (MW)	浓度 (mg/L)	摩尔浓度 (mM)
氨基酸 (Amino Acids)			
Glycine	75.07	7.5	0.0999068
L-Alanine	89.09	13.9	0.156022
L-Arginine hydrochloride	210.66	42.1	0.1998481
L-Asparagine monohydrate	150.13	51.1	0.3403717
L-Aspartic acid	133.1	20	0.150263
L-Cysteine hydrochloride monohydrate	175.63	31.5	0.1793543
L-Glutamic Acid	147.13	22.1	0.1502073
L-Glutamine	146.14	219.2	1.4999316
L-Histidine monohydrochloride hydrate	209.63	21	0.1001765
L-Hydroxyproline	131.13	19.7	0.1502326
L-Isoleucine	131.17	39.4	0.3003736
L-Leucine	131.17	39.4	0.3003736
L-Lysine hydrochloride	182.65	36.5	0.1998358
L-Methionine	149.21	15	0.1005295
L-Phenylalanine	165.19	16.5	0.099885
L-Proline	115.13	17.3	0.1502649
L-Serine	105.09	26.3	0.2502617
L-Threonine	119.12	17.9	0.1502686
L-Tryptophan	204.23	3.1	0.015179
L-Tyrosine disodium salt dihydrate	261.18	26.2	0.100314
L-Valine	117.15	17.6	0.1502347
无机盐 (Inorganic Salts)			
Calcium Chloride	110.98	100	0.9010633
Magnesium Sulfate	120.37	98	0.8141564
Potassium Chloride	74.55	400	5.3655265
Sodium Bicarbonate	84.01	2200	26.1873586
Sodium Chloride	58.44	6460	110.5407255
Sodium Phosphate monobasic hydrate	137.99	580	4.2032031
维生素 (Vitamins)			
Ascorbic Acid	176.12	0.5	0.002839
Biotin	244.31	0.2	0.0008186
Choline chloride	139.62	5	0.0358115
D-Calcium pantothenate	238.27	0.2	0.0008394
Folic Acid	441.4	10	0.0226552
Niacinamide	122.12	0.5	0.0040943
Nicotinic Acid	123.11	0.5	0.0040614

Para-Aminobenzoic Acid	137.14	1	0.0072918
Pyridoxal hydrochloride	203.62	0.5	0.0024556
Pyridoxine hydrochloride	205.64	0.5	0.0024314
Riboflavin	376.36	0.2	0.0005314
Thiamine hydrochloride	337.27	0.2	0.000593
Vitamin B12	1355.37	2	0.0014756
i-Inositol	180.16	36	0.1998224
其他组分 (Other Components)			
Peptone		600	
D-(+)-Glucose	180.16	3000	16.651865
Glutathione (reduced)	307.32	0.5	0.001627
Phenol Red	376.4	10	0.0265675