

α-MEM 培养基（含 Nucleosides）

产品内容

产品组成	MA0216
α-MEM 培养基（含 Nucleosides）	500 ml
说明书	1 份

产品简介：

本产品是一种支持多种哺乳动物细胞生长且应用广泛的基础培养基，可培养多种细胞系以及用于选择转染 DHFR 的阴性细胞。

本产品可用于培养角质形成细胞、原代大鼠星形胶质细胞和人黑色素瘤细胞等细胞系。

本产品含有：核糖核苷酸、脱氧核糖核苷酸、L-谷氨酰胺、酚红、丙酮酸钠

不含有：HEPES，双抗。

保存条件：

2-8℃避光保存，1 年有效。

Components	Molecular Weight	Concentration (mg/L)	mM
Amino Acids			
Glycine	75.0	50.0	0.6666667
L-Alanine	89.0	25.0	0.28089887
L-Arginine	211.0	105.0	0.49763033
L-Asparagine-H ₂ O	150.0	50.0	0.33333334
L-Aspartic acid	133.0	30.0	0.22556391
L-Cysteine hydrochloride-H ₂ O	176.0	100.0	0.5681818
L-Cystine 2HCl	313.0	31.0	0.09904154
L-Glutamic Acid	147.0	75.0	0.5102041
L-Glutamine	146.0	292.0	2.0
L-Histidine	155.0	31.0	0.2
L-Isoleucine	131.0	52.4	0.4
L-Leucine	131.0	52.4	0.4
L-Lysine	183.0	73.0	0.3989071
L-Methionine	149.0	15.0	0.10067114
L-Phenylalanine	165.0	32.0	0.19393939
L-Proline	115.0	40.0	0.3478261
L-Serine	105.0	25.0	0.23809524
L-Threonine	119.0	48.0	0.40336135
L-Tryptophan	204.0	10.0	0.04901961
L-Tyrosine disodium salt	225.0	52.0	0.23111111
L-Valine	117.0	46.0	0.3931624
Vitamins			
Ascorbic Acid	176.0	50.0	0.2840909
Biotin	244.0	0.1	4.0983607E-4
Choline chloride	140.0	1.0	0.007142857
D-Calcium pantothenate	477.0	1.0	0.002096436
Folic Acid	441.0	1.0	0.0022675737
Niacinamide	122.0	1.0	0.008196721
Pyridoxal hydrochloride	204.0	1.0	0.004901961
Riboflavin	376.0	0.1	2.6595744E-4
Thiamine hydrochloride	337.0	1.0	0.002967359
Vitamin B12	1355.0	1.36	0.0010036901
i-Inositol	180.0	2.0	0.011111111
Inorganic Salts			
Calcium Chloride (CaCl ₂) (anhyd.)	111.0	200.0	1.8018018
Magnesium Sulfate (MgSO ₄) (anhyd.)	120.0	97.67	0.8139166
Potassium Chloride (KCl)	75.0	400.0	5.3333335
Sodium Chloride (NaCl)	58.0	6800.0	117.24138
Sodium Phosphate monobasic (NaH ₂ PO ₄ -H ₂ O)	138.0	140.0	1.0144928
Sodium Bicarbonate (NaHCO ₃)	84.0	2200.0	26.2
Ribonucleosides			
Adenosine	267.0	10.0	0.037453182
Cytidine	243.0	10.0	0.041152265
Guanosine	283.0	10.0	0.03533569
Uridine	244.0	10.0	0.040983606

Deoxyribonucleosides			
2'Deoxyadenosine	251.0	10.0	0.03984064
2'Deoxyctidine HCl	264.0	11.0	0.041666668
2'Deoxyguanosine	267.0	10.0	0.037453182
Thymidine	242.0	10.0	0.041322313
Other Components			
D-Glucose (Dextrose)	180.0	1000.0	5.5555553
Lipoic Acid	206.0	0.2	9.708738E-4
Phenol Red	376.4	10.0	0.026567481
Sodium Pyruvate	110.0	110.0	1.0