

α-Minimum Essential Medium

α-MEM 液体培养基（含双抗,含丙酮酸钠,不含 HEPES）

产品编号	产品名称	规格
BL1920A	α-MEM液体培养基（含双抗,含丙酮酸钠,不含HEPES）	500ml

产品简介:

本产品含青霉素和链霉素，并经 0.22μm 滤膜过滤除菌，广泛应用于细胞的培养。

产品组成:

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 hydrochloride	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	52.0	0.39694658
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

Note: For in vitro research use only, not for diagnostic or therapeutic use, This product is not a medical device.
 注意: 在体外研究使用, 不用于诊断或治疗用途, 本产品不是医疗装置。



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 Bicarbonate (NaHCO ₃)	84.0	2200.0	26.190475
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

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'Deoxycytidine 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

注意事项:

1、本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。

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2、为了您的安全和健康，请穿实验服并戴一次性手套操作。

保存条件:

2-8℃，避光保存，有效期 12 个月。

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