

Medium 199

M199 液体培养基（含双抗,不含丙酮酸钠,不含 HEPES）

产品编号	产品名称	规格
BL1923A	M199液体培养基（含双抗,不含丙酮酸钠,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	70.0	0.33175355
L-Aspartic acid	133.0	30.0	0.22556391
L-Cysteine hydrochloride-H ₂ O	176.0	0.1	5.681818E-4
L-Cystine 2HCl	240.0	26.0	0.108333334
L-Glutamic Acid	147.0	75.0	0.5102041
L-Glutamine	146.0	100.0	0.6849315
L-Histidine hydrochloride-H ₂ O	210.0	21.88	0.10419047
L-Hydroxyproline	131.0	10.0	0.07633588
L-Isoleucine	131.0	40.0	0.3053435
L-Leucine	131.0	60.0	0.45801526
L-Lysine hydrochloride	183.0	70.0	0.38251367
L-Methionine	149.0	15.0	0.10067114
L-Phenylalanine	165.0	25.0	0.15151516
L-Proline	115.0	40.0	0.3478261
L-Serine	105.0	25.0	0.23809524
L-Threonine	119.0	30.0	0.25210086
L-Tryptophan	204.0	10.0	0.04901961
L-Tyrosine disodium salt dihydrate	261.0	58.0	0.22222222
L-Valine	117.0	25.0	0.21367522
Vitamins			
Ascorbic Acid	176.0	0.05	2.840909E-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。



Biotin	244.0	0.01	4.0983607E-5
Choline chloride	140.0	0.5	0.0035714286
D-Calcium pantothenate	477.0	0.01	2.096436E-5
Folic Acid	441.0	0.01	2.2675737E-5
Menadione (Vitamin K3)	172.0	0.01	5.8139532E-5
Niacinamide	122.0	0.025	2.0491803E-4
Nicotinic acid (Niacin)	123.0	0.025	2.0325204E-4
Para-Aminobenzoic Acid	137.0	0.05	3.6496352E-4
Pyridoxal hydrochloride	204.0	0.025	1.2254903E-4
Pyridoxine hydrochloride	206.0	0.025	1.21359226E-4
Riboflavin	376.0	0.01	2.6595744E-5
Thiamine hydrochloride	337.0	0.01	2.967359E-5
Vitamin A (acetate)	328.0	0.1	3.0487805E-4
Vitamin D2 (Calciferol)	397.0	0.1	2.5188917E-4
alpha Tocopherol phos. Na salt	554.7	0.01	1.8027762E-5
i-Inositol	180.0	0.05	2.7777778E-4

Inorganic Salts

Calcium Chloride (CaCl ₂) (anhyd.)	111.0	200.0	1.8018018
Ferric nitrate (Fe(NO ₃)-9H ₂ O)	404.0	0.7	0.0017326733
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

Other Components

2-deoxy-D-ribose	134.0	0.5	0.0037313432
Adenine sulfate	404.0	10.0	0.024752475
Adenosine 5'-phosphate	347.0	0.2	5.763689E-4
Adenosine 5'-triphosphate	605.0	1.0	0.0016528926
Cholesterol	387.0	0.2	5.1679584E-4
D-Glucose (Dextrose)	180.0	1000.0	5.5555553
Glutathione (reduced)	307.0	0.05	1.6286645E-4
Guanine hydrochloride	188.0	0.3	0.0015957447
Hypoxanthine Na	136.0	0.4	0.0029411765
Phenol Red	376.4	20.0	0.053134963

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Ribose	150.0	0.5	0.0033333334
Sodium Acetate	82.0	50.0	0.6097561
Thymine	126.0	0.3	0.0023809525
Tween	20.0	0	20.0 Infinity
Uracil	112.0	0.3	0.0026785715
Xanthine-Na	152.0	0.34	0.0022368422

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。
- 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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