

F12K 培养基

规格：500ml

保存温度：2-8℃，避光保存，有效期 12 个月

Components	Molecular Weight	Concentration (mg/L)	mM
Amino Acids			
Glycine	75.0	15.0	0.2
L-Alanine	89.0	18.0	0.20224719
L-Arginine hydrochloride	211.0	422.0	2.0
L-Asparagine-H ₂ O	150.0	30.0	0.2
L-Aspartic acid	133.0	26.6	0.2
L-Cysteine hydrochloride-H ₂ O	176.0	70.0	0.39772728
L-Glutamic Acid	147.0	29.0	0.19727892
L-Glutamine	146.0	292.0	2.0
L-Histidine hydrochloride-H ₂ O	210.0	45.8	0.21809523
L-Isoleucine	131.0	7.88	0.060152672
L-Leucine	131.0	26.2	0.2
L-Lysine hydrochloride	183.0	73.0	0.3989071
L-Methionine	149.0	8.96	0.06013423
L-Phenylalanine	165.0	9.92	0.060121212
L-Proline	115.0	69.0	0.6
L-Serine	105.0	21.0	0.2
L-Threonine	119.0	23.0	0.19327731
L-Tryptophan	204.0	4.1	0.020098038
L-Tyrosine disodium salt dihydrate	262.0	13.5	0.051526718
L-Valine	117.0	23.0	0.1965812

Vitamins			
Biotin	244.0	0.07	2.8700000E-4
Choline chloride	140.0	14.0	0.1
D-Calcium pantothenate	477.0	0.5	0.001048218
Folic Acid	441.0	1.3	0.0029478457
Niacinamide	122.0	0.037	3.030000E-4
Pyridoxine hydrochloride	206.0	0.06	2.9100000E-4
Riboflavin	376.0	0.04	1.0600000E-4
Thiamine hydrochloride	337.0	0.3	8.9000000E-4
Vitamin B12	1355.0	1.4	0.0010332103
i-Inositol	180.0	18.0	0.1
Inorganic Salts			
Calcium Chloride (CaCl ₂) (anhyd.)	111.0	102.0	0.9189189
Cupric sulfate (CuSO ₄ ·5H ₂ O)	250.0	0.002	8.0E-6
Ferric sulfate (FeSO ₄ ·7H ₂ O)	278.0	0.8	0.0028776978
Magnesium Chloride (anhydrous)	95.0	49.7	0.5231579
Magnesium Sulfate (MgSO ₄) (anhyd.)	120.0	192.0	1.6
Potassium Chloride (KCl)	75.0	285.0	3.8
Sodium Bicarbonate (NaHCO ₃)	84.0	2500.0	29.761906
Sodium Chloride (NaCl)	58.0	7530.0	129.82759
Sodium Phosphate dibasic (Na ₂ HPO ₄) anhydrous	142.0	115.5	0.8133803
Sodium Phosphate monobasic (NaH ₂ PO ₄) anhydrous	139.0	59.0	0.42446044
Zinc sulfate (ZnSO ₄ ·7H ₂ O)	288.0	0.144	5.0000000E-4
Other Components			
D-Glucose (Dextrose)	180.0	1260.0	7.0
Hypoxanthine Na	131.0	4.0	0.030534351

Lipoic Acid	206.0	0.21	0.0010194174
Phenol Red	376.4	3.0	0.007970245
Putrescine 2HCl	161.0	0.32	0.0019875776
Sodium Pyruvate	110.0	220.0	2.0
Thymidine	242.0	0.7	0.002892562