

培养基配方表 (Media Formulation)

名称: 高糖 DMEM 培养基 含酚红、L-谷氨酰胺和 HEPES, 不含丙酮酸钠

货号: L130KJ

组分 (Components)	分子量 (MW)	浓度 (mg/L)	摩尔浓度 (mM)
氨基酸 (Amino Acids)			
Glycine	75.07	30	0.4
L-Arginine hydrochloride	210.7	84	0.4
L-Cystine dihydrochloride	313.2	63	0.2
L-Glutamine	146.1	584	4
L-Histidine monohydrochloride hydrate	209.6	42	0.2
L-Isoleucine	131.2	105	0.8
L-Leucine	131.2	105	0.8
L-Lysine hydrochloride	182.7	146	0.8
L-Methionine	149.2	30	0.2
L-Phenylalanine	165.2	66	0.4
L-Serine	105.1	42	0.4
L-Threonine	119.1	95	0.8
L-Tryptophan	204.2	16	0.078343
L-Tyrosine disodium salt dihydrate	261.2	104	0.4
L-Valine	117.2	94	0.8
无机盐 (Inorganic Salts)			
Calcium Chloride	111	200	1.8021265
Ferric Nitrate nonahydrate	404	0.1	0.0002475
Magnesium Sulfate	120.4	97.67	0.8114148
Potassium Chloride	74.55	400	5.3655265
Sodium Bicarbonate	84.01	3700	44.0423759
Sodium Chloride	58.44	6400	109.5140315
Sodium Phosphate monobasic hydrate	138	125	0.9058627
维生素 (Vitamins)			
Choline chloride	139.6	4	0.0286492
D-Calcium pantothenate	238.3	4	0.0167877
Folic Acid	441.4	4	0.0090621
i-Inositol	180.2	7.2	0.04
Niacinamide	122.1	4	0.0327547
Pyridoxine hydrochloride	205.6	4	0.0194515
Riboflavin	376.4	0.4	0.0010628
Thiamine hydrochloride	337.3	4	0.0118599
其他组分 (Other Components)			
D-(+)-Glucose	180.2	4500	25
HEPES	238.3	5958	25
Phenol Red	376.4	15	0.0398512