

## 培养基配方表 (Media Formulation)

名称: Leibovitz's L-15 培养基 含酚红、D-半乳糖、L-谷氨酰胺和丙酮酸钠

货号: L620KJ

组分 (Components)	分子量 (MW)	浓度 (mg/L)	摩尔浓度 (mM)
<b>氨基酸 (Amino Acids)</b>			
Glycine	75.07	200	2.6641801
L-Alanine	89.09	225	2.525536
L-Arginine	174.2	500	2.8702641
L-Asparagine monohydrate	150.13	284	1.8916939
L-Cysteine	121.16	120	0.9904259
L-Glutamine	146.14	300	2.0528261
L-Histidine	155.15	250	1.6113439
L-Isoleucine	131.17	250	1.9059236
L-Leucine	131.17	125	0.9529618
L-Lysine hydrochloride	182.65	93.7	0.513003
L-Methionine	149.21	75	0.5026473
L-Phenylalanine	165.19	125	0.7567044
L-Serine	105.09	200	1.9031306
L-Threonine	119.12	300	2.5184688
L-Tryptophan	204.23	20	0.0979288
L-Tyrosine	181.19	300	1.6557205
L-Valine	117.15	100	0.8536065
<b>无机盐 (Inorganic Salts)</b>			
Calcium Chloride	110.98	140	1.2614886
Magnesium Chloride hexahydrate	203.3	200	0.9837678
Magnesium Sulfate	120.37	97.67	0.8114148
Potassium Chloride	74.55	400	5.3655265
Potassium Phosphate monobasic	136.09	60	0.4408847
Sodium Chloride	58.44	8000	136.8925394
Sodium Phosphate dibasic	141.96	190	1.3384052
<b>维生素 (Vitamins)</b>			
Choline chloride	139.62	1	0.0071623
D-Calcium pantothenate	238.27	1	0.0041969
Folic Acid	441.4	1	0.0022655
Niacinamide	122.12	1	0.0081887
Pyridoxine hydrochloride	205.64	1	0.0048629
Riboflavin 5'-phosphate sodium salt	478.33	0.1	0.0002091
Thiamine monophosphate chloride	416.82	1	0.0023991
i-Inositol	180.16	2	0.0111012

其他成分 (Other Components)			
D-(+)-Galactose	180.16	900	4.9955595
Phenol Red	376.4	10	0.0265675
Sodium Pyruvate	110.04	550	4.9981825