

DMEM (Glucose Free) Medium Ingredient Formula_Table 1

Ingredient(mg/L) / Cat.No.	PM150270	PM150271	PM150272	PM150273	PM150274	PM150275	PM150276	PM150277
Inorganic Salt								
CaCl ₂ (Anhydrous)	200	200	200	200	200	200	200	200
Fe(NO ₃) ₃ ·9H ₂ O	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67	97.67
KCl	400	400	400	400	400	400	400	400
NaHCO ₃	3700	3700	3700	3700	3700	3700	3700	3700
NaCl	6400	6400	6400	6400	4750	4750	4750	4750
NaH ₂ PO ₄ ·H ₂ O	125	125	125	125	125	125	125	125
Amino Acid								
L-Alanyl-L-Glutamine	–	–	–	–	–	–	–	–
Glycine	30	30	30	30	30	30	30	30
L-Arginine Hydrochloride	84	84	84	84	84	84	84	84
L-Cystine 2HCl	63	63	63	63	63	63	63	63
L-Glutamine	584	584	–	–	584	584	–	–
L-Histidine Hydrochloride-H ₂ O	42	42	42	42	42	42	42	42
L-Isoleucine	105	105	105	105	105	105	105	105
L-Leucine	105	105	105	105	105	105	105	105
L-Lysine Hydrochloride	146	146	146	146	146	146	146	146
L-Methionine	30	30	30	30	30	30	30	30
L-Phenylalanine	66	66	66	66	66	66	66	66
L-Serine	42	42	42	42	42	42	42	42
L-Threonine	95	95	95	95	95	95	95	95
L-Tryptophan	16	16	16	16	16	16	16	16
L-Tyrosine Disodium Salt Dihydrate	104	104	104	104	104	104	104	104
L-Valine	94	94	94	94	94	94	94	94
Vitamin								
Choline Chloride	4	4	4	4	4	4	4	4
D-Calcium Pantothenate	4	4	4	4	4	4	4	4
Folic Acid	4	4	4	4	4	4	4	4
Niacinamide	4	4	4	4	4	4	4	4
Pyridoxine Hydrochloride	4	4	4	4	4	4	4	4
Riboflavin	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Thiamine Hydrochlorid	4	4	4	4	4	4	4	4
Meso-inositol	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Others								
D-Glucose	–	–	–	–	–	–	–	–
Sodium Pyruvate	110	–	110	–	110	–	110	–
HEPES	–	–	–	–	5958	5958	5958	5958

DMEM (Glucose Free) Medium Ingredient Formula_Table 2

Ingredient(mg/L) / Cat.No.	PM150278	PM150279	PM150280	PM150269	PM150281	PM150282	PM150283	PM150284
Inorganic Salt								
CaCl ₂ (Anhydrous)	200	200	200	200	200	200	200	200
Fe(NO ₃) ₃ ·9H ₂ O	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67	97.67
KCl	400	400	400	400	400	400	400	400
NaHCO ₃	3700	3700	3700	3700	3700	3700	3700	3700
NaCl	6400	6400	6400	6400	4750	4750	4750	4750
NaH ₂ PO ₄ ·H ₂ O	125	125	125	125	125	125	125	125
Amino Acid								
L-Alanyl-L-Glutamine	–	–	–	–	–	–	–	–
Glycine	30	30	30	30	30	30	30	30
L-Arginine Hydrochloride	84	84	84	84	84	84	84	84
L-Cystine 2HCl	63	63	63	63	63	63	63	63
L-Glutamine	584	–	584	–	584	–	584	–
L-Histidine Hydrochloride-H ₂ O	42	42	42	42	42	42	42	42
L-Isoleucine	105	105	105	105	105	105	105	105
L-Leucine	105	105	105	105	105	105	105	105
L-Lysine Hydrochloride	146	146	146	146	146	146	146	146
L-Methionine	30	30	30	30	30	30	30	30
L-Phenylalanine	66	66	66	66	66	66	66	66
L-Serine	42	42	42	42	42	42	42	42
L-Threonine	95	95	95	95	95	95	95	95
L-Tryptophan	16	16	16	16	16	16	16	16
L-Tyrosine Disodium Salt Dihydrate	104	104	104	104	104	104	104	104
L-Valine	94	94	94	94	94	94	94	94
Vitamin								
Choline Chloride	4	4	4	4	4	4	4	4
D-Calcium Pantothenate	4	4	4	4	4	4	4	4
Folic Acid	4	4	4	4	4	4	4	4
Niacinamide	4	4	4	4	4	4	4	4
Pyridoxine Hydrochloride	4	4	4	4	4	4	4	4
Riboflavin	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Thiamine Hydrochlorid	4	4	4	4	4	4	4	4
Meso-inositol	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Others								
D-Glucose	–	–	–	–	–	–	–	–
Sodium Pyruvate	110	110	–	–	110	110	–	–
HEPES	–	–	–	–	5958	5958	5958	5958
Phenol Red	–	–	–	–	–	–	–	–

DMEM (Glucose Free) Medium Ingredient Formula_Table 3

Ingredient(mg/L) / Cat.No.	PM150285	PM150286	PM150287	PM150288	PM150289	PM150290	PM150291	PM150292
Inorganic Salt								
CaCl ₂ (Anhydrous)	200	200	200	200	200	200	200	200
Fe(NO ₃) ₃ ·9H ₂ O	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67	97.67
KCl	400	400	400	400	400	400	400	400
NaHCO ₃	3700	3700	3700	3700	3700	3700	3700	3700
NaCl	6400	6400	6400	6400	4750	4750	4750	4750
NaH ₂ PO ₄ -H ₂ O	125	125	125	125	125	125	125	125
Amino Acid								
L-Alanyl-L-Glutamine	869	869	869	869	869	869	869	869
Glycine	30	30	30	30	30	30	30	30
L-Arginine Hydrochloride	84	84	84	84	84	84	84	84
L-Cystine 2HCl	63	63	63	63	63	63	63	63
L-Glutamine	–	–	–	–	–	–	–	–
L-Histidine Hydrochloride-H ₂ O	42	42	42	42	42	42	42	42
L-Isoleucine	105	105	105	105	105	105	105	105
L-Leucine	105	105	105	105	105	105	105	105
L-Lysine Hydrochloride	146	146	146	146	146	146	146	146
L-Methionine	30	30	30	30	30	30	30	30
L-Phenylalanine	66	66	66	66	66	66	66	66
L-Serine	42	42	42	42	42	42	42	42
L-Threonine	95	95	95	95	95	95	95	95
L-Tryptophan	16	16	16	16	16	16	16	16
L-Tyrosine Disodium Salt Dihydrate	104	104	104	104	104	104	104	104
L-Valine	94	94	94	94	94	94	94	94
Vitamin								
Choline Chloride	4	4	4	4	4	4	4	4
D-Calcium Pantothenate	4	4	4	4	4	4	4	4
Folic Acid	4	4	4	4	4	4	4	4
Niacinamide	4	4	4	4	4	4	4	4
Pyridoxine Hydrochloride	4	4	4	4	4	4	4	4
Riboflavin	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Thiamine Hydrochlorid	4	4	4	4	4	4	4	4
Meso-inositol	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Others								
D-Glucose	–	–	–	–	–	–	–	–
Sodium Pyruvate	110	110	–	–	110	–	110	–
HEPES	–	–	–	–	5958	5958	5958	5958
Phenol Red	15	–	15	–	15	15	–	–