

DMEM (Low Glucose) Medium Ingredient Formula_Table 1

Ingredient(mg/L) / Cat. No.	PM150220	PM150220A	PM150222	PM150222A	PM150245	PM150246	PM150247
Inorganic Salt							
CaCl ₂ (Anhydrous)	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
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67
KCl	400	400	400	400	400	400	400
NaHCO ₃	3700	3700	3700	3700	3700	3700	3700
NaCl	6400	6400	4750	4750	6400	6400	6400
NaH ₂ PO ₄ (Anhydrous)	109	109	109	109	109	109	109
Amino Acid							
L-Alanyl-L-Glutamine	–	–	–	–	–	–	–
Glycine	30	30	30	30	30	30	30
L-Arginine Hydrochloride	84	84	84	84	84	84	84
L-Cystine Dihydrochloride	62.6	62.6	62.6	62.6	62.6	62.6	62.6
L-Glutamine	584	584	584	584	584	–	–
L-Histidine Hydrochloride	42	42	42	42	42	42	42
L-Isoleucine	105	105	105	105	105	105	105
L-Leucine	105	105	105	105	105	105	105
L-Lysine Hydrochloride	146	146	146	146	146	146	146
L-Methionine	30	30	30	30	30	30	30
L-Phenylalanine	66	66	66	66	66	66	66
L-Serine	42	42	42	42	42	42	42
L-Threonine	95	95	95	95	95	95	95
L-Tryptophan	16	16	16	16	16	16	16
L-Tyrosine Disodium Salt	103.79	103.79	103.79	103.79	103.79	103.79	103.79
L-Valine	94	94	94	94	94	94	94
Vitamin							
Choline Chloride	4	4	4	4	4	4	4
D-Calcium Pantothenate	4	4	4	4	4	4	4
Folic Acid	4	4	4	4	4	4	4
Niacinamide	4	4	4	4	4	4	4
Pyridoxine Hydrochloride	4	4	4	4	4	4	4
Riboflavin	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Thiamine Hydrochlorid	4	4	4	4	4	4	4
Meso-inositol	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Others							
D-Glucose	1000	1000	1000	1000	1000	1000	1000
Sodium Pyruvate	110	110	110	110	–	110	–
HEPES	–	–	5958	5958	–	–	–
Phenol Red	15	15	15	15	15	15	15
Penicillin G Sodium Salt	–	100kU	–	100kU	–	–	–
Streptomycin Sulfate	–	100	–	100	–	–	–

DMEM (Low Glucose) Medium Ingredient Formula_Table 2

Ingredient(mg/L) / Cat. No.	PM150248	PM150249	PM150250	PM150251	PM150252	PM150253	PM150244
Inorganic Salt							
CaCl ₂ (Anhydrous)	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
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67
KCl	400	400	400	400	400	400	400
NaHCO ₃	3700	3700	3700	3700	3700	3700	3700
NaCl	4750	4750	4750	6400	6400	6400	6400
NaH ₂ PO ₄ (Anhydrous)	109	109	109	109	109	109	109
Amino Acid							
L-Alanyl-L-Glutamine	–	–	–	–	–	–	–
Glycine	30	30	30	30	30	30	30
L-Arginine Hydrochloride	84	84	84	84	84	84	84
L-Cystine Dihydrochloride	62.6	62.6	62.6	62.6	62.6	62.6	62.6
L-Glutamine	584	–	–	584	–	584	–
L-Histidine Hydrochloride	42	42	42	42	42	42	42
L-Isoleucine	105	105	105	105	105	105	105
L-Leucine	105	105	105	105	105	105	105
L-Lysine Hydrochloride	146	146	146	146	146	146	146
L-Methionine	30	30	30	30	30	30	30
L-Phenylalanine	66	66	66	66	66	66	66
L-Serine	42	42	42	42	42	42	42
L-Threonine	95	95	95	95	95	95	95
L-Tryptophan	16	16	16	16	16	16	16
L-Tyrosine Disodium Salt	103.79	103.79	103.79	103.79	103.79	103.79	103.79
L-Valine	94	94	94	94	94	94	94
Vitamin							
Choline Chloride	4	4	4	4	4	4	4
D-Calcium Pantothenate	4	4	4	4	4	4	4
Folic Acid	4	4	4	4	4	4	4
Niacinamide	4	4	4	4	4	4	4
Pyridoxine Hydrochloride	4	4	4	4	4	4	4
Riboflavin	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Thiamine Hydrochlorid	4	4	4	4	4	4	4
Meso-inositol	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Others							
D-Glucose	1000	1000	1000	1000	1000	1000	1000
Sodium Pyruvate	–	110	–	110	110	–	–
HEPES	5958	5958	5958	–	–	–	–
Phenol Red	15	15	15	–	–	–	–
Penicillin G Sodium Salt	–	–	–	–	–	–	–
Streptomycin Sulfate	–	–	–	–	–	–	–

DMEM (Low Glucose) Medium Ingredient Formula_Table 3

Ingredient(mg/L) / Cat. No.	PM150254	PM150255	PM150256	PM150257	PM150258	PM150259	PM150260
Inorganic Salt							
CaCl ₂ (Anhydrous)	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
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67
KCl	400	400	400	400	400	400	400
NaHCO ₃	3700	3700	3700	3700	3700	3700	3700
NaCl	4750	4750	4750	4750	6400	6400	6400
NaH ₂ PO ₄ (Anhydrous)	109	109	109	109	109	109	109
Amino Acid							
L-Alanyl-L-Glutamine	–	–	–	–	869	869	869
Glycine	30	30	30	30	30	30	30
L-Arginine Hydrochloride	84	84	84	84	84	84	84
L-Cystine Dihydrochloride	62.6	62.6	62.6	62.6	62.6	62.6	62.6
L-Glutamine	584	–	584	–	–	–	–
L-Histidine Hydrochloride	42	42	42	42	42	42	42
L-Isoleucine	105	105	105	105	105	105	105
L-Leucine	105	105	105	105	105	105	105
L-Lysine Hydrochloride	146	146	146	146	146	146	146
L-Methionine	30	30	30	30	30	30	30
L-Phenylalanine	66	66	66	66	66	66	66
L-Serine	42	42	42	42	42	42	42
L-Threonine	95	95	95	95	95	95	95
L-Tryptophan	16	16	16	16	16	16	16
L-Tyrosine Disodium Salt	103.79	103.79	103.79	103.79	103.79	103.79	103.79
L-Valine	94	94	94	94	94	94	94
Vitamin							
Choline Chloride	4	4	4	4	4	4	4
D-Calcium Pantothenate	4	4	4	4	4	4	4
Folic Acid	4	4	4	4	4	4	4
Niacinamide	4	4	4	4	4	4	4
Pyridoxine Hydrochloride	4	4	4	4	4	4	4
Riboflavin	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Thiamine Hydrochlorid	4	4	4	4	4	4	4
Meso-inositol	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Others							
D-Glucose	1000	1000	1000	1000	1000	1000	1000
Sodium Pyruvate	110	110	–	–	110	110	–
HEPES	5958	5958	5958	5958	–	–	–
Phenol Red	–	–	–	–	15	–	15
Penicillin G Sodium Salt	–	–	–	–	–	–	–
Streptomycin Sulfate	–	–	–	–	–	–	–

DMEM (Low Glucose) Medium Ingredient Formula_Table 4

Ingredient(mg/L) / Cat. No.	PM150261	PM150262	PM150263	PM150264	PM150265
Inorganic Salt					
CaCl ₂ (Anhydrous)	200	200	200	200	200
Fe(NO ₃) ₃ •9H ₂ O	0.1	0.1	0.1	0.1	0.1
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67
KCl	400	400	400	400	400
NaHCO ₃	3700	3700	3700	3700	3700
NaCl	6400	4750	4750	4750	4750
NaH ₂ PO ₄ (Anhydrous)	109	109	109	109	109
Amino Acid					
L-Alanyl-L-Glutamine	869	869	869	869	869
Glycine	30	30	30	30	30
L-Arginine Hydrochloride	84	84	84	84	84
L-Cystine Dihydrochloride	62.6	62.6	62.6	62.6	62.6
L-Glutamine	–	–	–	–	–
L-Histidine Hydrochloride monohydrate	42	42	42	42	42
L-Isoleucine	105	105	105	105	105
L-Leucine	105	105	105	105	105
L-Lysine Hydrochloride	146	146	146	146	146
L-Methionine	30	30	30	30	30
L-Phenylalanine	66	66	66	66	66
L-Serine	42	42	42	42	42
L-Threonine	95	95	95	95	95
L-Tryptophan	16	16	16	16	16
L-Tyrosine Disodium Salt dihydrate	103.79	103.79	103.79	103.79	103.79
L-Valine	94	94	94	94	94
Vitamin					
Choline Chloride	4	4	4	4	4
D-Calcium Pantothenate	4	4	4	4	4
Folic Acid	4	4	4	4	4
Niacinamide	4	4	4	4	4
Pyridoxine Hydrochloride	4	4	4	4	4
Riboflavin	0.4	0.4	0.4	0.4	0.4
Thiamine Hydrochlorid	4	4	4	4	4
Meso-inositol	7.2	7.2	7.2	7.2	7.2
Others					
D-Glucose	1000	1000	1000	1000	1000
Sodium Pyruvate	–	110	–	110	–
HEPES	–	5958	5958	5958	5958
Phenol Red	–	15	15	–	–
Penicillin G Sodium Salt	–	–	–	–	–
Streptomycin Sulfate	–	–	–	–	–