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DMP15 FORMULATION

Dulbecco's Modified Eagle's Medium

With High Glucose and L-Glutamine.

Without Sodium Pyruvate and Sodium Bicarbonate.

Store at 2° to 8°C.

Components	mg/L
Calcium Chloride, Anhydrous ($CaCl_2$)	200.00
Choline Chloride ($C_5H_{14}ONCl$)	4.00
D-Calcium Pantothenate ($C_{18}H_{32}CaN_2O_{10}$)	4.00
D-Glucose, Anhydrous ($C_6H_{12}O_6$)	4500.00
Ferric Nitrate, Nonahydrate ($Fe(NO_3)_3 \cdot 9H_2O$)	0.10
Folic Acid ($C_{19}H_{19}N_7O_6$)	4.00
Glycine ($C_2H_5NO_2$)	30.00
L-Arginine, Hydrochloride ($C_8H_{14}N_4O_2 \cdot HCl$)	84.00
L-Cystine, Dihydrochloride ($C_6H_{12}N_2O_4S_2 \cdot 2HCl$)	63.00
L-Glutamine ($C_5H_{10}N_2O_3$)	584.00
L-Histidine, Hydrochloride, Monohydrate ($C_6H_9N_3O_2 \cdot HCl \cdot H_2O$)	42.00
L-Isoleucine ($C_6H_{13}NO_2$)	105.00
L-Leucine ($C_6H_{13}NO_2$)	105.00
L-Lysine, Hydrochloride ($C_6H_{14}N_2O_2 \cdot HCl$)	146.00
L-Methionine ($C_5H_{11}NO_2S$)	30.00
L-Phenylalanine ($C_9H_{11}NO_2$)	66.00
L-Serine ($C_3H_7NO_3$)	42.00
L-Threonine ($C_4H_9NO_3$)	95.00
L-Tryptophan ($C_{11}H_2N_{12}O_2$)	16.00
L-Tyrosine, Disodium, Dihydrate ($C_9H_9O_3Na_2 \cdot 2H_2O$)	104.00
L-Valine ($C_5H_{11}NO_2$)	94.00
Magnesium Sulfate, Anhydrous ($MgSO_4$)	97.67
Myo-Inositol ($C_6H_{12}O_6$)	7.20
Niacinamide/Nicotinamide ($C_6H_6N_2O$)	4.00
Phenol Red, Sodium Salt ($C_{19}H_{13}NaO_5S$)	15.00
Potassium Chloride (KCl)	400.00
Pyridoxine, Hydrochloride ($C_8H_{11}NO_3 \cdot HCl$)	4.00

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Components	mg/L
Riboflavin ($C_{17}H_{20}N_4O_6$)	0.400
Sodium Chloride (NaCl)	6400.00
Sodium Phosphate, Monobasic, Monohydrate ($NaH_2PO_4 \cdot H_2O$)	125.00
Thiamine, Hydrochloride ($C_{12}H_{17}ClN_4OS \cdot HCl$)	4.00

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