HyClone classical media

CELL CULTURE

Iscove's Modified Dulbecco's Medium (IMDM)
Liquid media

	Code number SH30228, SH30316		Code number SH30259	
Component description	**mg/L**	**mmol/L**	**mg/L**	**mmol/L**
Inorganic salts				
Calcium chloride	165	1.4868	165	1.4868
Potassium chloride	330	4.4266	330	4.4266
Potassium nitrate	0.08	0.0008	0.08	0.0008
Magnesium sulfate (anhydrous)	97.67	0.8112	97.67	0.8112
Sodium chloride	4505	77.0876	4505	77.0876
Sodium selenite (anhydrous)	0.01	0.0001	0.01	0.0001
Sodium phosphate monobasic H_20	125	0.9059	125	0.9059
Amino acids				
L-Alanine	25	0.2806	25	0.2806
L-Arginine-HCl	84	0.3987	84	0.3987
L-Asparagine-H_20	28.4	0.1892	28.4	0.1892
L-Aspartic acid	30	0.2254	30	0.2254
L-Cystine-2HCl	91.24	0.2913	91.24	0.2913
L-Glutamic acid	75	0.5098	75	0.5098
L-Glutamine	584	3.9959	0	0
Glycine	30	0.3996	30	0.3996
L-Histidine-HCl-H_20	42	0.2004	42	0.2004
L-Isoleucine	105	0.8004	105	0.8004
L-Leucine	105	0.8005	105	0.8005
L-Lysine-HCl	146	0.7993	146	0.7993
L-Methionine	30	0.2011	30	0.2011
L-Phenylalanine	66	0.3995	66	0.3995
L-Proline	40	0.3474	40	0.3474
L-Serine	42	0.3997	42	0.3997
L-Threonine	95	0.7975	95	0.7975
L-Tryptophan	16	0.0783	16	0.0783
L-Tyrosine-2Na-$2H_20$	103.79	0.3974	103.79	0.3974
L-Valine	94	0.8024	94	0.8024

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Vitamins				
D-Biotin	0.01	0.0001	0.01	0.0001
Calcium D-pantothenate	4	0.0084	4	0.0084
Choline chloride	4	0.0286	4	0.0286
Folic acid	4	0.0091	4	0.0091
Myo-inositol	7.2	0.04	7.2	0.04
Niacinamide	4	0.0328	4	0.0328
Pyridoxal hydrochloride	4	0.0196	4	0.0196
Riboflavin	0.4	0.0011	0.4	0.0011
Thiamine-HCl	4	0.0119	4	0.0119
Vitamin B12	0.013	0.00001	0.013	0.00001
Other				
D-Glucose	4500	24.9778	4500	24.9778
HEPES	5958	25.0021	5958	25.0021
Phenol red-Na	15.9	0.0422	15.9	0.0422
Sodium pyruvate	110	0.9996	110	0.9996
Sodium bicarbonate	3024	35.9957	3024	35.9957

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