HyClone classical media

CELL CULTURE

Dulbecco's modified eagle's medium/nutrient mixture F12 Ham's Liquid media

	Code number SH30023, SH30309		Code number SH30261		Code number SH30126	
Component description	**mg/L**	**mmol/L**	**mg/L**	**mmol/L**	**mg/L**	**mmol/L**
Inorganic salts						
Calcium chloride (anhydrous)	116.61	1.0507	116.61	1.0507	116.61	1.0507
Copper sulfate-5$H_2$0	0.0013	0.00001	0.0013	0.00001	0.0013	0.00001
Ferric nitrate-9$H_2$0	0.05	0.0001	0.05	0.0001	0.05	0.0001
Ferrous sulfate-7$H_2$0	0.417	0.0015	0.417	0.0015	0.417	0.0015
Potassium chloride	311.8	4.1824	311.8	4.1824	311.8	4.1824
Magnesium chloride (anhydrous)	28.61	0.3005	0	0	28.61	0.3005
Magnesium sulfate (anhydrous)	48.84	0.4056	84.95	0.7056	48.84	0.4056
Sodium chloride	6999.5	119.7724	6999.5	119.7724	6999.5	119.7724
Sodium phosphate dibasic (anhydrous)	71.02	0.5003	71.02	0.5003	71.02	0.5003
Sodium phosphate monobasic $H_2$0	62.5	0.4529	62.5	0.4529	62.5	0.4529
Zinc sulfate-7$H_2$0	0.43	0.0015	0.43	0.0015	0.43	0.0015
Amino acids						
L-Alanine	4.45	0.05	4.45	0.05	4.45	0.05
L-Arginine-HCl	147.5	0.7002	147.5	0.7002	147.5	0.7002
L-Asparagine-$H_2$0	7.501	0.05	7.501	0.05	7.501	0.05
L-Aspartic acid	6.65	0.05	6.65	0.05	6.65	0.05
L-Cysteine-HCl-$H_2$0	17.56	0.1	17.56	0.1	17.56	0.1
L-Cystine-2HCl	31.29	0.0999	31.29	0.0999	31.29	0.0999
L-Glutamic acid	7.35	0.05	7.35	0.05	7.35	0.05
L-Glutamine	365	2.4974	365	2.4974	0	0
Glycine	18.75	0.2498	18.75	0.2498	18.75	0.2498
L-Histidine-HCl-$H_2$0	31.48	0.1502	31.48	0.1502	31.48	0.1502
L-Isoleucine	54.47	0.4153	54.47	0.4153	54.47	0.4153
L-Leucine	59.05	0.4502	59.05	0.4502	59.05	0.4502
L-Lysine-HCl	91.26	0.4996	91.26	0.4996	91.26	0.4996
L-Methionine	17.24	0.1155	17.24	0.1155	17.24	0.1155
L-Phenylalanine	35.48	0.2148	35.48	0.2148	35.48	0.2148
L-Proline	17.25	0.1498	17.25	0.1498	17.25	0.1498
L-Serine	26.25	0.2498	26.25	0.2498	26.25	0.2498
L-Threonine	53.45	0.4487	53.45	0.4487	53.45	0.4487
L-Tryptophan	9.02	0.0442	9.02	0.0442	9.02	0.0442
L-Tyrosine-2Na-2$H_2$0	55.79	0.2136	55.79	0.2136	55.79	0.2136
L-Valine	52.85	0.4511	52.85	0.4511	52.85	0.4511

DOWNLOADED DUTSCHER SAS

Dulbecco's modified eagle's medium/nutrient mixture F12 Ham's
Liquid media

	Code number SH30023, SH30309		Code number SH30261		Code number SH30126	
Component description	**mg/L**	**mmol/L**	**mg/L**	**mmol/L**	**mg/L**	**mmol/L**
Vitamins						
D-Biotin	0.0036	0.00001	0.0036	0.00001	0.0036	0.00001
Calcium D-pantothenate	2.24	0.0047	2.24	0.0047	2.24	0.0047
Choline chloride	8.98	0.0643	8.98	0.0643	8.98	0.0643
Folic acid	2.65	0.006	2.65	0.006	2.65	0.006
Myo-inositol	12.6	0.0699	12.6	0.0699	12.6	0.0699
Niacinamide	2.02	0.0165	2.02	0.0165	2.02	0.0165
Pyridoxal hydrochloride	0	0	0	0	2	0.0098
Pyridoxine-HCl	2.03	0.0099	2.03	0.0099	0.03	0.0002
Riboflavin	0.22	0.0006	0.22	0.0006	0.22	0.0006
Thiamine-HCl	2.17	0.0064	2.17	0.0064	2.17	0.0064
Vitamin B12	0.68	0.0005	0.68	0.0005	0.68	0.0005
D-Glucose	3151	17.49	3151	17.49	3151	17.49
HEPES	3575	15.0021	3575	15.0021	3575	15.0021
Hypoxanthine-2Na	2.7	0.015	2.39	0.0132	2.7	0.015
Linoleic acid	0.04	0.0001	0.04	0.0001	0.04	0.0001
DL-α-Lipoic acid	0.105	0.0005	0.105	0.0005	0.105	0.0005
Phenol red-Na	8.6	0.0229	8.1	0.0215	8.6	0.0229
Putrescine-2HCl	0.08	0.0005	0.08	0.0005	0.08	0.0005
Sodium pyruvate	55	0.4999	110	0.9996	55	0.4999
Thymidine	0.37	0.0015	0.37	0.0015	0.37	0.0015
Other						
Sodium bicarbonate	1200	14.284	2438	29.0204	1200	14.284

DOMINIQUE DUTSCHER SAS

Dulbecco's modified eagle's medium/nutrient mixture F12 Ham's Liquid media

	Code number SH30271		Code number SH30272	
Component description	**mg/L**	**mmol/L**	**mg/L**	**mmol/L**
Inorganic salts				
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L-Glutamic acid	7.35	0.05	7.35	0.05
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Pyridoxal hydrochloride	0	0	0	0
Pyridoxine-HCl	2.03	0.0099	2.03	0.0099
Riboflavin	0.22	0.0006	0.22	0.0006
Thiamine-HCl	2.17	0.0064	2.17	0.0064
Vitamin B12	0.68	0.0005	0.68	0.0005
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HEPES	0	0	0	0
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Thymidine	0.37	0.0015	0.37	0.0015
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