



HyClone™ classical media

Ham's Nutrient Mixture F10 Dry powdered medium

Component description	Code number SH30009	
	mg/L	mmol/L
Inorganic salts		
Calcium chloride (anhydrous)	33.29	0.3
Copper sulfate-5H ₂ O	0.0025	0.00001
Ferrous sulfate-7H ₂ O	0.83	0.003
Potassium chloride	285	3.8229
Potassium phosphate monobasic (anhydrous)	83	0.6099
Magnesium sulfate (anhydrous)	74.64	0.6199
Sodium chloride	7400	126.6256
Sodium phosphate dibasic (anhydrous)	153.58	1.0819
Zinc sulfate-7H ₂ O	0.03	0.0001
Amino acids		
L-Alanine	8.91	0.1
L-Arginine-HCl	211	1.0016
L-Asparagine-H ₂ O	15	0.0999
L-Aspartic acid	13.3	0.0999
L-Cysteine	25	0.2063
L-Glutamic acid	14.7	0.0999
L-Glutamine	146.2	1.0003
Glycine	7.51	0.1
L-Histidine-HCl-H ₂ O	23	0.1097
L-Isoleucine	2.6	0.0198
L-Leucine	13.1	0.0999
L-Lysine-HCl	29.3	0.1604
L-Methionine	4.48	0.03
L-Phenylalanine	4.96	0.03
L-Proline	11.5	0.0999
L-Serine	10.5	0.0999
L-Threonine	3.57	0.03
L-Tryptophan	0.6	0.0029
L-Tyrosine-2Na-2H ₂ O	2.61	0.01
L-Valine	3.5	0.0299
Vitamins		
D-Biotin	0.02	0.0001
Calcium D-pantothenate	0.71	0.0015
Choline chloride	0.70	0.005
Folic acid	1.32	0.003
Hypoxanthine-2Na	5.4	0.03
Myo-inositol	0.54	0.003
Niacinamide	0.61	0.005
Pyridoxine-HCl	0.2	0.001
Riboflavin	0.38	0.001
Thiamine-HCl	1.01	0.003
Thymidine	0.73	0.003
Vitamin B12	1.36	0.001
DL-α-Lipoic acid	0.2	0.001
Other		
D-Glucose	1100	6.1057
Phenol red-Na	1.3	0.0035
Sodium pyruvate	110	0.9996
Sodium bicarbonate	Add 1200	Add 14.284

GE Healthcare Bio-Sciences AB
Björkgatan 30
751 84 Uppsala
Sweden
www.gelifesciences.com/hyclone

GE and GE monogram are trademarks of General Electric Company.
HyClone is a trademark of General Electric Company or one of its subsidiaries.
© 2014 General Electric Company—All rights reserved. First published Oct. 2014
All goods and services are sold subject to the terms and conditions of sale of the company within GE Healthcare which supplies them. A copy of these terms and conditions is available on request. Contact your local GE Healthcare representative for the most current information.
GE Healthcare UK Limited, Amersham Place, Little Chalfont, Buckinghamshire, HP7 9NA, UK
GE Healthcare Europe, GmbH, Munzinger Strasse 5, D-79111 Freiburg, Germany
GE Healthcare Bio-Sciences Corp., 800 Centennial Avenue, P.O. Box 1327, Piscataway, NJ 08855-1327, USA
GE Healthcare Japan Corporation, Sanken Bldg., 3-25-1, Hyakunincho, Shinjuku-ku, Tokyo 169-0073, Japan
29-1320-09 AA 10/2014