



Kaighn's Modification of Ham's F-12 Medium
(Ham's F-12K Medium)
Cat No: P3S010108
Regular
Standard Formulation

Amino Acids	g/liter	Inorganic Salts	g/liter
L-Arginine·HCl	0.422	CaCl ₂ (anhydrous)	0.102
L-Alanine	0.01782	CuSO ₄ ·5H ₂ O	0.0000025
L-Asparagine·H ₂ O	0.03020	FeSO ₄ ·7H ₂ O	0.000834
L-Aspartic Acid	0.02662	MgCl ₂ (anhydrous)	0.0497
L-Cysteine·HCl·H ₂ O	0.07024	MgSO ₄ (anhydrous)	0.19264
L-Glutamic Acid	0.02942	KCl	0.285
L-Glutamine	0.29220	NaH ₂ PO ₄ (anhydrous)	0.059
Glycine	0.01501	NaHCO ₃	2.50000
L-Histidine·HCl·H ₂ O	0.0458	Na ₂ HPO ₄ (anhydrous)	0.1155
L-Isoleucine	0.00788	NaCl	7.530
L-Leucine	0.02624	ZnSO ₄ ·7H ₂ O	0.000144
L-Lysine·HCl	0.07304	Vitamins	g/liter
L-Methionine	0.00896	D-Biotin	0.0000733
L-Phenylalanine	0.00992	Choline Chloride	0.01396
L-Proline	0.06906	Folic Acid	0.00132
L-Serine	0.02102	Hypoxanthine Na	0.00408
L-Threonine	0.02382	myo-Inositol	0.01802
L-Tryptophan	0.00408	Nicotinamide	0.000037
L-Tyrosine·2Na·2H ₂ O	0.0135	D-Pantothenic Acid	0.0005
L-Valine	0.02342	Putrescine·2HCl	0.000322
Others	g/liter	Pyridoxine·HCl	0.0000617
D-Glucose	1.26000	Riboflavin	0.0000376
Phenol Red	0.00332	Thiamine·HCl	0.000377
Sodium Pyruvate	0.22000	Thymidine	0.000727
Lipoic Acid	0.00021	Vitamin B-12	0.0014