

# Thermo Scientific HyClone Classical Media

## RPMI 1640 Medium Liquid Media

Part Number	SH30027 SH30313		SH30091		SH30096	
Component Description	mg/L	mmol/L	mg/L	mmol/L	mg/L	mmol/L
<b>Inorganic Salts</b>						
CALCIUM-(NO <sub>3</sub> ) <sub>2</sub> -4H <sub>2</sub> O	100	0.4235	100	0.4235	100	0.4235
POTASSIUM CHLORIDE	400	5.3655	400	5.3655	400	5.3655
MAGNESIUM SULFATE (ANHY)	48.84	0.4056	48.84	0.4056	48.84	0.4056
SODIUM CHLORIDE	6000	102.6694	6000	102.6694	6000	102.6694
SODIUM PHOSPHATE DIBASIC, ANHY	800	5.6354	800	5.6354	800	5.6354
<b>Amino Acids</b>						
L-ARGININE	200	1.1481	200	1.1481	200	1.1481
L-ASPARAGINE (ANHY)	50	0.3784	50	0.3784	50	0.3784
L-ASPARTIC ACID	20	0.1503	20	0.1503	20	0.1503
L-CYSTINE-2HCL	65.15	0.208	65.15	0.208	65.15	0.208
L-GLUTAMIC ACID	20	0.1359	20	0.1359	20	0.1359
L-GLUTAMINE	300	2.0527	300	2.0527	0	0
GLYCINE	10	0.1332	10	0.1332	10	0.1332
L-HISTIDINE F.B	15	0.0967	15	0.0967	15	0.0967
HYDROXY-L-PROLINE	20	0.1525	20	0.1525	20	0.1525
L-ISOLEUCINE	50	0.3812	50	0.3812	50	0.3812
L-LEUCINE	50	0.3812	50	0.3812	50	0.3812
L-LYSINE-HCL	40	0.219	40	0.219	40	0.219
L-METHIONINE	15	0.1005	15	0.1005	15	0.1005
L-PHENYLALANINE	15	0.0908	15	0.0908	15	0.0908
L-PROLINE	20	0.1737	20	0.1737	20	0.1737
L-SERINE	30	0.2855	30	0.2855	30	0.2855
L-THREONINE	20	0.1679	20	0.1679	20	0.1679
L-TRYPTOPHAN	5	0.0245	5	0.0245	5	0.0245
L-TYROSINE-2NA-2H <sub>2</sub> O	28.83	0.1104	28.83	0.1104	28.83	0.1104
L-VALINE	20	0.1707	20	0.1707	20	0.1707
<b>Vitamins</b>						
D-BIOTIN	0.2	0.0008	0.2	0.0008	0.2	0.0008
CALCIUM D-PANTOTHENATE	0.25	0.0005	0.25	0.0005	0.25	0.0005
CHOLINE CHLORIDE	3	0.0215	3	0.0215	3	0.0215
FOLIC ACID	1	0.0023	1	0.0023	1	0.0023
MYO-INOSITOL	35	0.1943	35	0.1943	35	0.1943
NIACINAMIDE	1	0.0082	1	0.0082	1	0.0082
PYRIDOXINE-HCL	1	0.0049	1	0.0049	1	0.0049
RIBOFLAVIN	0.2	0.0005	0.2	0.0005	0.2	0.0005
THIAMINE-HCL	1	0.003	1	0.003	1	0.003
VITAMIN B12	0.005	0.000004	0.005	0.000004	0.005	0.000004
<b>Other</b>						
D-GLUCOSE (ANHY)	2000	11.1012	2000	11.1012	2000	11.1012
PABA	1	0.0073	1	0.0073	1	0.0073
L-GLUTATHIONE (REDUCED)	1	0.0033	1	0.0033	1	0.0033
PHENOL RED-NA	5.3	0.0141	5.3	0.0141	5.3	0.0141
HEPES	0	0	0	0	0	0
SODIUM BICARBONATE	2000	23.8067	2000	23.8067	2000	23.8067

# Thermo Scientific HyClone Classical Media

## RPMI 1640 Medium Liquid Media

Part Number	SH30203		SH30234		SH30255	
Component Description	mg/L	mmol/L	mg/L	mmol/L	mg/L	mmol/L
<b>Inorganic Salts</b>						
CALCIUM-(NO <sub>3</sub> ) <sub>2</sub> -4H <sub>2</sub> O	100	0.4235	100	0.4235	100	0.4235
POTASSIUM CHLORIDE	400	5.3655	400	5.3655	400	5.3655
MAGNESIUM SULFATE (ANHY)	48.84	0.4056	48.84	0.4056	48.84	0.4056
SODIUM CHLORIDE	6000	102.6694	6000	102.6694	6000	102.6694
SODIUM PHOSPHATE DIBASIC, ANHY	800	5.6354	800	5.6354	800	5.6354
<b>Amino Acids</b>						
L-ARGININE	200	1.1481	200	1.1481	200	1.1481
L-ASPARAGINE (ANHY)	50	0.3784	50	0.3784	50	0.3784
L-ASPARTIC ACID	20	0.1503	20	0.1503	20	0.1503
L-CYSTINE-2HCL	65.15	0.208	65.15	0.208	65.15	0.208
L-GLUTAMIC ACID	20	0.1359	20	0.1359	20	0.1359
L-GLUTAMINE	0	0	300	2.0527	300	2.0527
GLYCINE	10	0.1332	10	0.1332	10	0.1332
L-HISTIDINE F.B	15	0.0967	15	0.0967	15	0.0967
HYDROXY-L-PROLINE	20	0.1525	20	0.1525	20	0.1525
L-ISOLEUCINE	50	0.3812	50	0.3812	50	0.3812
L-LEUCINE	50	0.3812	50	0.3812	50	0.3812
L-LYSINE-HCL	40	0.219	40	0.219	40	0.219
L-METHIONINE	15	0.1005	15	0.1005	15	0.1005
L-PHENYLALANINE	15	0.0908	15	0.0908	15	0.0908
L-PROLINE	20	0.1737	20	0.1737	20	0.1737
L-SERINE	30	0.2855	30	0.2855	30	0.2855
L-THREONINE	20	0.1679	20	0.1679	20	0.1679
L-TRYPTOPHAN	5	0.0245	5	0.0245	5	0.0245
L-TYROSINE-2NA-2H <sub>2</sub> O	28.83	0.1104	28.83	0.1104	28.83	0.1104
L-VALINE	20	0.1707	20	0.1707	20	0.1707
<b>Vitamins</b>						
D-BIOTIN	0.2	0.0008	0.2	0.0008	0.2	0.0008
CALCIUM D-PANTOTHENATE	0.25	0.0005	0.25	0.0005	0.25	0.0005
CHOLINE CHLORIDE	3	0.0215	3	0.0215	3	0.0215
FOLIC ACID	1	0.0023	1	0.0023	1	0.0023
MYO-INOSITOL	35	0.1943	35	0.1943	35	0.1943
NIACINAMIDE	1	0.0082	1	0.0082	1	0.0082
PYRIDOXINE-HCL	1	0.0049	1	0.0049	1	0.0049
RIBOFLAVIN	0.2	0.0005	0.2	0.0005	0.2	0.0005
THIAMINE-HCL	1	0.003	1	0.003	1	0.003
VITAMIN B12	0.005	0.000004	0.005	0.000004	0.005	0.000004
<b>Other</b>						
D-GLUCOSE (ANHY)	2000	11.1012	2000	11.1012	2000	11.1012
PABA	1	0.0073	1	0.0073	1	0.0073
L-GLUTATHIONE (REDUCED)	1	0.0033	1	0.0033	1	0.0033
PHENOL RED-NA	5.3	0.0141	5.3	0.0141	5.3	0.0141
HEPES	5958	25.0021	5958	25.0021	5958	25.0021
SODIUM BICARBONATE	2000	23.8067	2000	23.8067	2000	23.8067

# Thermo Scientific HyClone Classical Media

## RPMI 1640 Medium Liquid Media

Part Number

SH30605

	Component Description	mg/L	mmol/L
Inorganic Sal	CALCIUM-(NO3)2-4H2O	100	0.4235
	POTASSIUM CHLORIDE	400	5.3655
	MAGNESIUM SULFATE (ANHY)	48.84	0.4056
	SODIUM CHLORIDE	6000	102.6694
	SODIUM PHOSPHATE DIBASIC, ANHY	800	5.6354
Amino Acids	L-ARGININE	200	1.1481
	L-ASPARAGINE (ANHY)	50	0.3784
	L-ASPARTIC ACID	20	0.1503
	L-CYSTINE-2HCL	65.15	0.208
	L-GLUTAMIC ACID	20	0.1359
	L-GLUTAMINE	0	0
	GLYCINE	10	0.1332
	L-HISTIDINE F.B	15	0.0967
	HYDROXY-L-PROLINE	20	0.1525
	L-ISOLEUCINE	50	0.3812
	L-LEUCINE	50	0.3812
	L-LYSINE-HCL	40	0.219
	L-METHIONINE	15	0.1005
	L-PHENYLALANINE	15	0.0908
	L-PROLINE	20	0.1737
	L-SERINE	30	0.2855
	L-THREONINE	20	0.1679
	L-TRYPTOPHAN	5	0.0245
	L-TYROSINE-2NA-2H2O	28.83	0.1104
	L-VALINE	20	0.1707
Vitamins	D-BIOTIN	0.2	0.0008
	CALCIUM D-PANTOTHENATE	0.25	0.0005
	CHOLINE CHLORIDE	3	0.0215
	FOLIC ACID	1	0.0023
	MYO-INOSITOL	35	0.1943
	NIACINAMIDE	1	0.0082
	PYRIDOXINE-HCL	1	0.0049
	RIBOFLAVIN	0.2	0.0005
	THIAMINE-HCL	1	0.003
	VITAMIN B12	0.005	0.000004
	Other	D-GLUCOSE (ANHY)	2000
PABA		1	0.0073
L-GLUTATHIONE (REDUCED)		1	0.0033
PHENOL RED-NA		0	0
HEPES		0	0
	SODIUM BICARBONATE	2000	23.8067