

SUPERCULTURE RPMI-1640 Medium

Cat#: 6016011

[Product Name]

RPMI-1640 Medium

[Product Description]

RPMI-1640 Medium was developed by Moore et al., at Roswell Park Memorial Institute. It was originally developed to culture human leukemic cells in suspension and as a monolayer. RPMI-1640 Medium has since been found suitable for a variety of mammalian cells, including HeLa, Jurkat, MCF-7, PC12, PBMC, astrocytes, and hybridomas. This product is a GMP grade medium without animal-derived components. RPMI-1640 requires additional culture additives such as fetal bovine serum. It uses a sodium bicarbonate buffer system and therefore requires a 5% ~ 10% CO₂ environment to maintain physiological pH.

[Model & Specification]

Product Name	Cat. No.	Size
RPMI-1640 Medium	6016011	500 mL/bottle

[Product Parameters]

Supplementation	Requires additional additives
Glutamine	With L-glutamine
Phenol Red	With phenol red
Antibiotics	Without antibiotics
Sodium Pyruvate	Without sodium pyruvate
Sodium Bicarbonate	With sodium bicarbonate
HEPES Buffer	Without HEPES

[Storage Conditions and Validity Period]









Stored at 2°C~8°C, away from light, the shelf life is 12 months.

[Notes]

Pay attention to operate in an aseptic condition.

This medium is a GMP-grade product for subsequent manufacturing and laboratory use.

[Description of Product Symbol]

Product Symbol	Description	Product Symbol	Description
	Catalogue number		Batch code
	Date of manufacture		Use-by date
	Manufacturer		Temperature limit
	Keep away from sunlight		Consult instructions for use

[Formulation]

Components mg/L			
Amino Acids		D-Biotin	0.2
Glycine	10	Choline chloride	3
L-Arginine (free base)	200	Folic Acid	1
L-Asparagine (anhyd.)	50	myo-Inositol	35
L-Aspartic Acid	20	Niacinamide	1
L-Cystine•2HCl	65	p-Amino Benzoic Acid	1
L-Glutamic Acid	20	D-Pantothenic Acid•1/2 Ca	0.25
L-Glutamine	300	Pyridoxal•HCl	1
L-Histidine (free base)	15	Riboflavin	0.2
L-Hydroxyproline	20	Thiamine•HCl	1
L-Isoleucine	50	Vitamin B-12	0.005
L-Leucine	50	Inorganic Salts	
L-Lysine•HCl	40	Ca(NO ₃) ₂ •4H ₂ O	100
L-Methionine	15	MgSO ₄ (anhyd.)	48.84
L-Phenylalanine	15	KCl	400
L-Proline	20	NaHCO ₃	2000
L-Serine	30	NaCl	6000
L-Threonine	20	NaH ₂ PO ₄ (anhyd.)	800
L-Tryptophan	5	Other	
L-Tyrosine•2Na•2H ₂ O	29	D-Glucose	2000
L-Valine	20	Glutathione (reduced)	1
Vitamins		Phenol Red•Na	5

[Related Products]

Product Name	Cat. No.	Size
DMEM Medium-Low Glucose	6016111	500 mL/bottle
DMEM Medium-High Glucose	6016121	500 mL/bottle
α-MEM Medium	6016211/6016221	500 mL/bottle
IMDM Medium	6016311	500 mL/bottle
Fetal Bovine Serum (South America)	6021021	500 mL/bottle
Fetal Bovine Serum (New Zealand)	6021031	500 mL/bottle

[Instruction Revision Date]
2024.03.22

[Company Information]

Manufacturer and after-sales service unit Name:

Shenzhen Dakewe Bio-engineering Co., Ltd.

Website: www.dakewe.com

Telephone: (86-755) 86235300

Email: RD@dakewe.com

Production Address: Room 702-703, Building No.1, Shenzhen Biomedicine Innovations Industrial Park, No.14 Jinhui Road, Kengzi Street, Pingshan District, Shenzhen

After-sales service telephone: (86-755) 86235300

Zip Code: 518122