

Classical Media and Reagents for Consistent Cell Culture Results



Classical Media

Dulbecco's Modified Eagle's Media (DMEM)

		Without L-glutamine	With Sodium Pyruvate	Without Phenol Red	With HEPES	With 1.0 g/L Glucose	With 4.5 g/L Glucose	With UG I*
Cat. No.	Size							
In Stock								
BE12-614F	500 mL	■	■				■	
BE12-604F	500 mL		■				■	
BE12-604F/U1	500 mL	■	■				■	■
Available to order (not kept in stock)								
Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)								
12-614Q	1 L	■	■				■	
12-604Q	1 L		■				■	
BE12-917F	500 mL	■	■	■			■	
BE12-707F	500 mL	■	■			■		
BE12-708F	500 mL	■	■		■	■		
BE12-709F	500 mL	■	■		■		■	
BE12-733F	500 mL	■					■	
BE12-741F	500 mL						■	

* With UltraGlutamine™ I

DMEM is used in a wide range of mammalian cell culture applications. The high glucose version is well suited to high density suspension culture. The low glucose formula is used for adherent dependent cells.

Iscove's Modified Dulbecco's Medium (IMDM)

		Without L-glutamine	With HEPES
Cat. No.	Size		
Available to order (not kept in stock)			
Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)			
BE12-722F	500 mL		■
BE12-726F	500 mL	■	■
BE12-915F	500 mL		■

IMDM is suitable for fast growing cells. All formulas contain HEPES for added buffering.

DMEM:F12

		Without L-glutamine	With HEPES	With 3.151 g/L Glucose	With UG I*
Cat. No.	Size				
In Stock					
BE12-719F	500 mL		■	■	
Available to order (not kept in stock)					
Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)					
BE04-687Q	1 L			■	
BE04-687F/U1	500 mL	■		■	■

* With UltraGlutamine™ I

DMEM:F12 combines the richness of F12 with the higher component concentrations of DMEM. This media is well suited for clonal density cultures.



Minimum Essential Media – Eagle (MEM Eagle) (E-MEM)

Cat. No.	Size	With L-glutamine	With Sodium Pyruvate	Without Phenol Red	With HEPES	With HBSS	With EBSS	With NEAA	With Pen-strep-amph B	Without Na-bicarbonate	Without Calcium	With UG I*	With Nucleosides
In Stock													
BE12-611F	500 mL	■					■						
BE12-662F	500 mL		■				■	■					
BE12-136F	500 mL				■		■						
Available to order (not kept in stock)													
Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)													
BE12-169F (Alpha)	500 mL		■				■	■					
BE02-002F	500 mL		■				■	■			■		■
12-611Q	1 L	■					■						
BE12-125F	500 mL						■						
12-125Q	1 L						■						
BE12-136Q	1 L				■		■						
12-736F	500 mL	■			■		■	■	■				
BE12-684F (10x)	500 mL									■			
12-668E (2x)	100 mL			■			■						
BE12-668F (2x)	500 mL			■			■						
BE06-174G	450 mL	■					■	■			■		
BE12-127F	500 mL					■							
12-137F	500 mL				■	■							
04-719Q (Joklik's)	1 L	■					■				■		

* With UltraGlutamine™ I

Minimum essential media (E-MEM) is suitable for a diverse spectrum of mammalian cell types. It is available with either Hanks' or Earle's salts. MEM-Hanks' (12-127F / BE12-127F or 12-137F) does not require a CO₂ enriched atmosphere. Joklik's modification is intended for suspension culture.

Insect Media

Cat. No.	Size	With L-glutamine	With FBS	With Yeastolate	With Lactalbumin Hydrolysate	With Gentamicin
Available to order (not kept in stock)						
Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)						
Grace's Insect Media						
04-457F	500 mL	■				
04-649F	500 mL	■		■	■	■
Schneider's Drosophila Medium						
04-351Q	1 L	■		■		
TC-100 Insect Medium						
BE02-011F	500 mL	■				

Medium 199


Cat. No.	Size	With L-glutamine	With HEPES	With HBSS	With EBSS	With 1.4 g/L Na-bicarbonate	With 2.2 g/L Na-bicarbonate
In Stock							
BE12-117F	500 mL	■	■		■		■
Available to order (not kept in stock)							
Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)							
12-117Q	1 L	■	■		■		■
BE12-118F	500 mL	■	■	■			■
BE12-119F	500 mL	■			■		■
BE12-109F	500 mL	■		■			■

Medium 199 is formulated for chick embryo fibroblast culture. These five formulations require a CO₂ enriched atmosphere.



		With L-glutamine	Without Phenol Red	With HEPES	With Penicillin-Streptomycin	Without Na-bicarbonate	With MOPS Buffer	With Ultra-Glutamine I	Without D-glucose
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Cat. No.	Size								
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 **In Stock**

BE12-702F	500 mL	■							
BE12-167F	500 mL								
BE12-115F	500 mL	■		■					
BE12-918F	500 mL		■						

 **Available to order (not kept in stock)**

Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)

12-702Q	1 L	■							
BE12-702F/U1	500 mL							■	
12-167Q	1 L								
BE12-115F/U1	500 mL			■				■	
04-525F	500 mL	■				■	■		
09-774E	100 mL	■		■	■				
BE12-752F	500 mL	■							■
BE04-558F	500 mL			■					

RPMI is a general purpose media with a broad range of applications for mammalian cells, especially hematopoietic cells. RPMI with MOPS (04-525F) is for certain mycological assays.

Other Classical Media

Cat. No.	Description	Comments
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 **In Stock**

Ham's F-10 Medium

BE12-618F With L-glutamine, 500 mL Developed for low density (clonal) growth of near-diploid CHO cells

McCoy's 5A Medium

BE12-168F With L-glutamine and HEPES, 500 mL Designed for human lymphocyte culture

 **Available to order (not kept in stock)**

Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)

Basel Medium Eagle (BME)

BE12-105F with EBSS, without L-glutamine, 500 mL A minimal medium suitable for a variety of cell types, it is a historical precursor to minimum essential media (MEM)

Glasgow Minimum Essential Medium (GMEM)

BE12-739F With L-glutamine, 500 mL Designed to support BHK-21 cells

Ham's F-10 Medium

BE02-014F With UltraGlutamine, without thymidine, 500 mL Developed for ³H-thymidine incorporation assays.

Ham's F-12 Medium

BE12-615F With L-glutamine, 500 mL Developed for low density (clonal) growth of CHO cells

L-15 (Leibovitz) Medium

BE12-700F	Without L-glutamine, 500 mL	Developed for fast growing tumor cells, this formula does not require a CO ₂ enriched atmosphere. The bicarbonate-free medium is buffered with elevated levels of amino acids.
12-700Q	Without L-glutamine, 1L	
12-669E	(2x) except L-tyrosine(1x), without L-glutamine or phenol red (virus plaque medium), 100mL	

McCoy's 5A Medium

BE12-688F With L-glutamine, 500 mL Designed for human lymphocyte culture

NCTC-109

12-923E With EBSS and L-glutamine, 100 mL A complex formula used to supplement hybridoma medium

William's Medium E

BE02-019F Without L-glutamine or phenol red, 500mL

BE12-761F Without L-glutamine, 500 mL

Reagents

Dulbecco's Phosphate Buffered Saline

		Without Phenol Red	With Calcium and Magnesium	Without Calcium or Magnesium	With Glucose	With Sodium Pyruvate
Cat. No.	Size					
In Stock						
BE17-513F	500 mL	■	■			
BE17-512F	500 mL	■		■		
Available to order (not kept in stock)						
Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)						
BE17-512Q	1 L	■		■		
04-479Q	1 L	■	■		■	■
BE17-515F	500 mL (10X)	■		■		
BE17-515Q	1 L (10X)	■		■		

Hanks' BSS (1X)

		With Phenol Red	Without Phenol Red	With Calcium and Magnesium	Without Calcium or Magnesium
Cat. No.	Size				
In Stock					
BE10-543F	500 mL	■			■
BE10-527F	500 mL		■	■	
BE10-547F	500 mL		■		■
Available to order (not kept in stock)					
Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)					
BE10-502F	500mL	■			■
BE10-508F	500 mL	■		■	
04-315Q	1 L		■		■



Buffered Saline

		Without Phenol Red	Without Calcium or Magnesium	With HEPES
Cat. No.	Size			
In Stock				
Phosphate Buffered Saline				
BE17-516F	500 mL	■	■	
BE17-516Q	1 L	■	■	
BE17-517Q	1 L	■	■	
Available to order (not kept in stock)				
Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)				
Phosphate Buffered Saline				
BE02-017F	500 mL			
UltraSaline A				
12-747F	500 mL	■		■

Penicillin-Streptomycin Mixtures

		5,000 Units Penicillin – 5,000 µg Streptomycin	10,000 Units Penicillin – 10,000 µg Streptomycin	20,000 Units Penicillin – 20,000 µg Streptomycin	25,000 Units Penicillin – 25,000 µg Streptomycin	25 µg/mL Amphotericin B	With L-glutamine
Cat. No.	Size						
In Stock							
DE17-602E	100 mL		■				
17-745E	100 mL		■			■	
Available to order (not kept in stock)							
Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)							
DE17-603E	100 mL	■					
DE17-602F	500 mL		■				
17-718R	4.5 mL				■		■
09-757F	500 mL			■			
17-745H	20 mL		■			■	

Tissue Culture Reagents

Cat. No.	Size	Description
In Stock		
L-glutamine, 200 mM		
BE17-605E	100 mL	L-glutamine (200 mM)
Water for Cell Culture Use		
BE17-724F	500 mL	Bottle of water for cell culture use
Supplements		
BE13-114E	100 mL	MEM Eagle non-essential amino acid solution, 10 mM (100X)
Buffers and Reagents		
10-548E	100 mL	ACK lysing buffer (1X)
BE17-737E	100 mL	HEPES buffer (1M)
17-942E	100 mL	Trypan blue 0.4% solution
BE17-829E	100 mL	Lymphocyte separation medium 1.077
Cell Harvesting Reagents		
BE17-160E	100 mL	Trypsin 1:250 (10X) 2.5% in Hanks' BSS without calcium or magnesium
BE02-007E	100 mL	Trypsin Versene® (EDTA) mixture (10x)
BE17-161E	100 mL	Trypsin Versene® (EDTA) mixture (1x)
Antibiotics/Antimycotics		
17-518Z	1 X 10 mL	Gentamicin sulfate 50 mg/mL, screw cap vial
Freezing Medium		
12-132A	100 mL	Cryoprotective Freezing Medium



Available to order (not kept in stock)

Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)

L-glutamine (200 mM)		
17-905C	50 mL	L-glutamine (hybridoma screened) 200 mM
BE17-605E/U1	100 mL	UltraGlutamine™ I Supplement 200mM
Water for Cell Culture Use		
BE17-724Q	1 L	Bottle of water for cell culture use
BE02-038P20	20 L	Bag of water for cell culture use
BE02-038P200	200 L	Bag of water for cell culture use
Supplements		
17-838Z	5 mL	Insulin, transferrin, selenium (ITS) (500X)
17-839Z	5 mL	Insulin, transferrin, ethanolamine, selenium (ITES) (500X)
13-607C	50 mL	MEM Eagle vitamin mixture (100X)
Buffers and Reagents		
10-539B	500 mL	Dextrose-Gelatin-Veronal (DGV)
12-624E	100 mL	Veronal buffer (5X)
17-829F	500 mL	Lymphocyte separation medium 1.077
BE13-115E	100 mL	Sodium pyruvate solution (100mM)
BE17-613E	100 mL	Sodium bicarbonate, 7.5%
Cell Harvesting Reagents		
BE17-711E	100 mL	Versene® (EDTA) 0.02%
BE02-034E	100 mL	TrypZean™ Trypsine EDTA (1x) Recombinant bovine trypsin (NAO)
Antibiotics/Antimycotics		
17-836R	20 mL	Amphotericin B (250 µg/mL)
17-836E	100 mL	Amphotericin B (250 µg/mL)
17-518L	10 X 10 mL	Gentamicin sulfate 50 mg/mL, screw cap vial
17-519Z	1 X 10 mL	Gentamicin sulfate 50 mg/mL, crimp top vial
17-519L	10 X 10 mL	Gentamicin sulfate 10 mg/mL, screw cap vial
Freezing Medium		
12-769E	100 mL	ProFreeze™ CD (2X) Freeze Medium-Chemically Defined



Serum Alternative

Cat. No.	Size	Description
🛒 Available to order (not kept in stock) Add (-S) or (-M) to the end of the catalogue number: Single unit (-S) or Bulk pack (-M)		
77227	10 mL	HL-1™ Fetal Bovine Serum Substitute (100X) - Chemically Defined

Serum Free Media

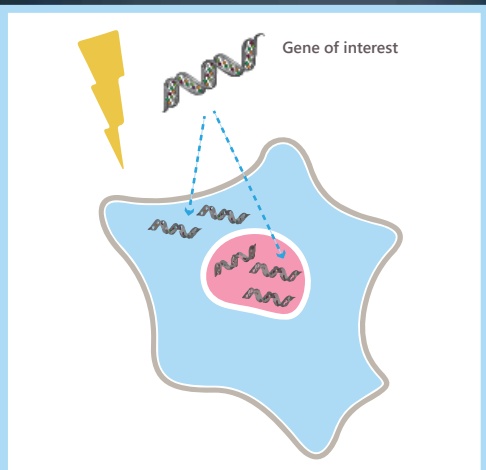
Cat. No.	Size	Description
✅ In Stock		
BE12-730F	500ml	Insect-EXPRESS with L-Glutamine

Mycoplasma Detection

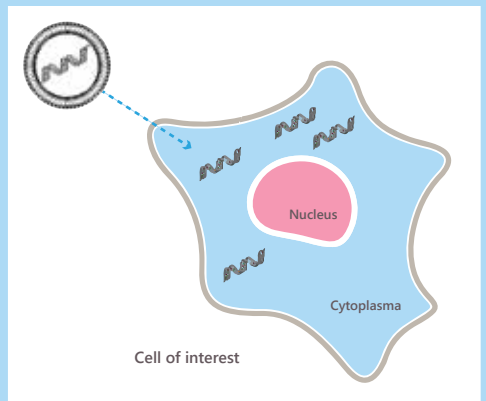
Cat. No.	Size	Description
✅ In Stock		
LT07-518	10T	MycoAlert® Assay control set
LT07-218	25T	MycoAlert® Mycoplasma detection kit
LT07-318	100T	MycoAlert® Mycoplasma detection kit

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