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## Dulbecco's Modified Eagle Media

<b>D-MEM (1X), liquid (high glucose)</b> Contains no L-glutamine or sodium pyruvate	11960-044	500 ml	<b>11960-069</b>	10 x 500 ml
	11960-051	1000 ml	<b>11960-077</b>	6 x 1000 ml
<b>D-MEM (1X), liquid (high glucose)</b> Contains L-glutamine, but no sodium pyruvate	11965-092	500 ml	<b>11965-118</b>	10 x 500 ml
	11965-084	1000 ml	<b>11965-126</b>	6 x 1000 ml
<b>D-MEM (1X), liquid (high glucose)</b> Contains L-glutamine and sodium pyruvate	11995-065	500 ml	<b>11995-073</b>	10 x 500 ml
	11995-040	1000 ml	<b>11995-081</b>	6 x 1000 ml
<b>D-MEM (1X), liquid (high glucose)</b> Contains 110mg/L sodium pyruvate, but no L-glutamine	10313-021	500 ml	<b>10313-039</b>	10 x 500 ml 
<b>D-MEM (1X), liquid (high glucose)</b> Contains 25 mM HEPES buffer, but no sodium pyruvate or phenol red	21063-029	500 ml	<b>21063-045</b>	10 x 500 ml 
<b>D-MEM (1X), liquid (high glucose)</b> Contains no L-glutamine, sodium pyruvate, or phenol red	31053-028	500 ml	<b>31053-036</b>	10 x 500 ml 
<b>D-MEM (1X), liquid (low glucose)</b> Contains L-glutamine and sodium pyruvate.	11885-084	500 ml	<b>11885-092</b>	10 x 500 ml
	12430-054	500 ml	<b>12430-062</b>	10 x 500 ml
<b>D-MEM (1X), liquid (high glucose)</b> Contains L-glutamine, and 25 mM HEPES, but no sodium pyruvate	12430-047	1000 ml	<b>12430-104</b>	6 x 1000 ml 
	11039-021	500 ml	<b>11039-047</b>	10 x 500 ml
<b>D-MEM/F12 (1X), liquid 1:1</b> Contains L-glutamine, 15 mM HEPES butter, but no phenol red	11320-033	500 ml	<b>11320-082</b>	10 x 500 ml 
<b>D-MEM/F12 (1X), liquid 1:1</b> Contains L-glutamine and 15 mM HEPES buffer	11330-032	500 ml	<b>11330-057</b>	10 x 500 ml


## F12 Nutrient Mixture Media

<b>F12 Nutrient Mixture (1X), liquid</b> Contains L-glutamine	11765-054	500 ml	<b>11765-062</b>	10 x 500 ml
	11765-047	1000 ml	<b>11765-070</b>	6 x 1000 ml
<b>F12K Nutrient Mixture, Kaighn's Modification (1x), liquid</b> Contains L-glutamine	21127-022	500 ml	<b>21127-030</b>	10 x 500 ml 

## Iscove's Modified Dulbecco's Media

<b>IMDM (1X), liquid</b> Contains L-glutamine, 25 mM HEPES buffer, 3,024 mg/L sodium bicarbonate, but no $\alpha$ -thioglycerol or 2-mercaptoethanol	12440-053	500 ml	<b>12440-061</b>	10 x 500 ml
	12440-046	1000 ml	<b>12440-079</b>	6 x 1000 ml 


## Liebovitz's L15 Media

<b>Liebovitz's L-15 Medium (1X), liquid</b> Contains L-glutamine	11415-064	500 ml	<b>11415-114</b>	10 x 500 ml 
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## McCoy's 5A Media

<b>McCoy's 5A Medium (modified) (1X), liquid</b> Contains L-glutamine	16600-082	500 ml	16600-108	10 x 500 ml
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## Medium 199

<b>Medium 199 (1X), liquid</b> Contains Earle's salts, L-glutamine, and 2,200 mg/L sodium bicarbonate	11150-059	500 ml	11150-067	10x 500 ml 
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## Minimum Essential Media







<b>MEM Earle's (1X), liquid</b> Contains Earle's salts and L-glutamine	11095-080	500 ml	11095-098	10 x 500 ml
	11095-072	1000 ml	11095-114	6 x 1000 ml 
<b>MEM Earle's (1X), liquid</b> Contains Earle's salts and non-essential amino acids, but no L-glutamine	10370-021	500 ml	10370-088	10 x 500 ml 
<b>MEM Earle's (1X), liquid</b> Contains Earle's salts, but no L-glutamine	11090-081	500 ml	11090-099	10 x 500 ml
<b>MEM <math>\alpha</math> (1X), liquid</b> Contains L-glutamine, ribonucleosides, and deoxyribonucleosides	12571-063	500 ml	12571-071	10 x 500 ml
	12571-048	1000 ml	12571-089	6 x 1000 ml 
<b>MEM <math>\alpha</math> Medium (1X), liquid</b> Contains L-glutamine, but no ribonucleoside or deoxyribonucleosides	12561-056	500 ml	12561-072	10 x 500 ml 
<b>MEM <math>\alpha</math> Medium (1X), liquid</b> Contains L-glutamine, ribonucleosides and deoxyribonucleosides, but no phenol red	41061-029	500 ml	41061-037	10 x 500 ml 

## RPMI Media

<b>RPMI 1640 (1X), liquid</b> Contains L-glutamine, but no phenol red	11835-030	500 ml	11835-055	10 x 500 ml
	11875-101	100 ml	11875-127	20 x 100 ml
<b>RPMI 1640 (1X), liquid</b> Contains L-glutamine	11875-093	500 ml	11875-119	10 x 500 ml
	11875-085	1000 ml	11875-135	6 x 1000 ml
<b>RPMI 1640 (1X), liquid</b> Contains no L-glutamine	21870-076	500 ml	21870-092	10 x 500 ml
	21870-084	1000 ml	21870-100	6 x 1000 ml 
<b>RPMI 1640 (1X), liquid</b> Contains L-glutamine and 25 mM HEPES buffer	22400-089	500 ml	22400-105	10 x 500 ml
	22400-071	1000 ml	22400-121	6 x 1000 ml 

## GlutaMAX™ Media

GlutaMAX™-I is a stabilized form of L-glutamine. GlutaMAX™ formulations contain GlutaMAX™-I substituted for L-glutamine on a molar equivalent basis





<b>D-MEM (1X), liquid (high glucose)</b> Contains 110 mg/L sodium pyruvate	10569-010	500 ml	10569-044	10 x 500 ml 
<b>D-MEM (1X), liquid (high glucose)</b> Contains 25 mM HEPES buffer, but no sodium pyruvate	10564-011	500 ml	10564-029	10 x 500 ml 
<b>D-MEM (1X), liquid (high glucose)</b> Contains no sodium pyruvate	10566-016	500 ml	10566-024	10 x 500 ml 
<b>D-MEM (1X), liquid (low glucose)</b> Contains 110 mg/L sodium pyruvate	10567-014	500 ml	10567-022	10 x 500 ml 
<b>D-MEM/F12 (1X), liquid 1:1</b> Contains no HEPES buffer	10565-018	500 ml	10565-042	10 x 500 ml 
<b>F12 Nutrient Mixture (1X), liquid</b>	31765-035	500 ml	31765-092	10 x 500 ml 

## GlutaMAX™ Media, continued

<b>IMDM (1X), liquid</b> Contains 25 mM HEPES buffer and 3,024 mg/L sodium bicarbonate	31980-030	500 ml	31980-097	10 x 500 ml	
<b>MEM α (1X), liquid</b> Contains no ribonucleosides or deoxyribonucleosides	32561-037	500 ml	32561-102	10 x 500 ml	
<b>MEM α (1X), liquid</b> Contains ribonucleosides and deoxyribonucleosides	32571-036	500 ml	32571-101	10 x 500 ml	
<b>MEM Earle's (1X), liquid</b> Contains Earle's salts	41090-036	500 ml	41090-101	10 x 500 ml	
<b>MEM Earle's (1X), liquid</b> Contains Earle's salts and 25 mM HEPES buffer	42360-032	500 ml	42360-099	10 x 500 ml	
<b>OptiMEM® I Reduced Serum Medium (1X), liquid</b>	51985-034	500 ml	51985-091	10 x 500 ml	
<b>RPMI 1640 (1X), liquid</b>	61870-036	500 ml	61870-127	10 x 500 ml	
<b>RPMI 1640 (1X), liquid</b> Contains 25 mM HEPES buffer	72400-047	500 ml	72400-120	10 x 500 ml	

## Reduced Serum Media


Media enriched with serum components that allow reduction in total serum supplementation by up to 90%

<b>Advanced D-MEM (1X), liquid</b>	12491-015	500 ml	12491-023	10 x 500 ml	
<b>Advanced D-MEM/F12 (1X), liquid</b>	12634-010	500 ml	12634-028	10 x 500 ml	
<b>Advanced MEM (1X), liquid</b>	12492-013	500 ml	12492-021	10 x 500 ml	
<b>Advanced RPMI 1640 (1X), liquid</b>	12633-012	500 ml	12633-020	10 x 500 ml	
<b>Opti-MEM®-I Reduced Serum Medium (1X), liquid</b>	31985-070	500 ml	31985-088	10 x 500 ml	

## Balanced Salt Solutions

<b>DPBS (1X), liquid</b> Contains calcium and magnesium	14040-133	500 ml	14040-182	10 x 500 ml	
	14040-117	1000 ml	14040-216	6 x 1000 ml	
<b>DPBS (1X), liquid</b> Contains no calcium or magnesium	14190-144	500 ml	14190-250	10 x 500 ml	
	14190-136	1000 ml	14190-235	6 x 1000 ml	
<b>DPBS (10X), liquid</b> Contains no calcium or magnesium	14200-075	500 ml	14200-166	10 x 500 ml	
<b>HBSS (1X), liquid</b> Contains calcium and magnesium, but no phenol red	14025-092	500 ml	14025-134	10 x 500 ml	
	14025-076	1000 ml	14025-126	6 x 1000 ml	
<b>HBSS (1X), liquid</b> Contains no calcium or magnesium	14170-112	500 ml	14170-161	10 x 500 ml	
<b>HBSS (1X), liquid</b> Contains no calcium chloride, magnesium chloride, magnesium sulfate, or phenol red	14175-095	500 ml	14175-103	10 x 500 ml	
	14175-079	1000 ml	14175-145	6 x 1000 ml	
<b>PBS 7.4 (1X), liquid</b>	10010-023	500 ml	10010-049	10 x 500 ml	
	10010-031	1000 ml	10010-072	6 x 1000 ml	
<b>PBS 7.4 (10X), liquid</b>	70011-044	500 ml	70011-069	10 x 500 ml	
<b>PBS 7.2 (1X), liquid</b>	20012-027	500 ml	20012-050	10 x 500 ml	
<b>PBS 7.2 (10X), liquid</b>	70013-032	500 ml	70013-073	10 x 500 ml	

## Insect Media

<b>Grace's Insect Medium, Supplemented (1X), liquid</b> Contains 3,330 mg/L lactalbumin hydrolysate, 3,330 mg/L yeastolate, and L-glutamine, but no insect hemolymph	11605-094	500 ml	11605-102	10 x 500 ml	
<b>Schneider's Drosophila Medium (1X), liquid</b> Contains L-glutamine	11720-034	500 ml	11720-067	10 x 500 ml	
<b>SF900-II SFM (1X), liquid</b> Contains L-Glutamine, Insect cell culture tested	10902-088	1000 ml	10902-104	6 x 1000 ml	

## Reagents

<b>TrypLE™ Express Dissociation Enzyme with Phenol Red</b> Stable, non-animal origin, Trypsin-like enzyme. Equivalent to 0.25% Trypsin•EDTA	12605-010	100 ml	12605-036	20 x 100 ml	
<b>TrypLE™ Express Dissociation Enzyme without Phenol Red</b> Stable, non-animal origin, Trypsin-like enzyme. Equivalent to 0.25% Trypsin•EDTA	12604-013	100 ml	12604-039	20 x 100 ml	
<b>Trypsin-EDTA (0.25% Trypsin, EDTA•4Na) (1X), liquid</b> Contains 2.5 g/L of trypsin (1:250), 3.8 g/L of EDTA•4Na in Hanks' Balanced Salt Solution without CaCl <sub>2</sub> , MgCl <sub>2</sub> •6H <sub>2</sub> O, and MgSO <sub>4</sub> •7H <sub>2</sub> O. Contains phenol red	25200-056	100 ml	25200-114	20 x 100 ml	
<b>Trypsin-EDTA (0.05% Trypsin, EDTA•4Na) (1X), liquid</b> Contains 0.5 g/L trypsin (1:250), 0.2 g/L of EDTA•4Na in Hanks' Balanced Salt Solution without CaCl <sub>2</sub> , MgCl <sub>2</sub> •6H <sub>2</sub> O, and MgSO <sub>4</sub> •7H <sub>2</sub> O. Contains phenol red	25300-054	100 ml	25300-120	20 x 100 ml	
<b>HEPES Buffer Solution (1M)</b> Contains 238.3 g/L prepared in distilled water	15630-080	100 ml	15630-130	20 x 100 ml	
<b>L-glutamine-200 mM (100X), liquid</b>	25030-081	100 ml	25030-164	20 x 100 ml	
<b>GlutaMAX™-I (100X), liquid</b>	35050-061	100 ml	35050-079	20 x 100 ml	
<b>Antibiotic-Antimycotic (100X), liquid</b> 10,000 units penicillin (base), 10,000 units streptomycin (base), and 25 µg amphotericin B/ml, utilizing penicillin G (sodium salt), streptomycin sulfate, and amphotericin B as Fungizone™ Antimycotic in 0.85% saline	15240-062	100 ml	15240-112	20 x 100 ml	
<b>Penicillin-Streptomycin, liquid</b> 10,000 Units penicillin (base) and 10,000 units streptomycin (base), utilizing penicillin G (sodium salt) and streptomycin sulfate in 0.85% saline	15140-122	100 ml	15140-163	20 x 100 ml	
<b>MEM Non-Essential Amino Acids Solution 10 mM (100X), liquid</b>	11140-050	100 ml	11140-076	20 x 100 ml	
<b>Distilled Water</b> Membrane filtered and endotoxin screened	*	100 ml	15230-196	20 x 100 ml	
	15230-162	500 ml	15230-204	10 x 500 ml	

\*Single bottles not available. Sold in casepacks only.

For complete formulation details, consult the current Gibco® Catalog, or visit the Technical Resources section at [www.invitrogen.com](http://www.invitrogen.com)



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### Corporate headquarters:

1600 Faraday Avenue • Carlsbad, CA 92008 USA • Tel: 760 603 7200 • Fax: 760 602 6500 • Toll Free Tel: 800 955 6288 • E-mail: [tech\\_service@invitrogen.com](mailto:tech_service@invitrogen.com) • [www.invitrogen.com](http://www.invitrogen.com)

### European headquarters:

Invitrogen Ltd • Inchinnan Business Park • 3 Fountain Drive • Paisley PA4 9RF, UK • Tel: +44 (0) 141 814 6100 • Fax: +44 (0) 141 814 6260 • E-mail: [eurotech@invitrogen.com](mailto:eurotech@invitrogen.com)