

DMEM - Medium

		Components			
			mg/L		
Anorganic salts	CaCl ₂ anhydrous	200.00		DMEM with 4.5 g/L Glucose without L-Glutamine without Sodium pyruvate with NaHCO ₃	500 mL C4033.0500
	Fe(III)-nitrate x 9H ₂ O	0.10			
	KCl	400.00			
	MgSO ₄	97.66			
	NaCl	6400.00			
	NaH ₂ PO ₄ x H ₂ O	108.69			
	NaHCO ₃	3700.00		DMEM with 4.5 g/L Glucose with L-Glutamine without Sodium pyruvate with NaHCO ₃	500 mL C4034.0500
Other components	D(+)-Glucose anhydrous	4500.00		DMEM with 4.5 g/L Glucose without L-Glutamine with Sodium pyruvate with NaHCO ₃	500 mL C4035.0500
	Hepes	5957.50			
	Na-pyruvat	110.00			
	Phenol red	15.00			
Amino acids	L-Arginine x HCl	84.00		DMEM with 4.5 g/L Glucose with L-Glutamine with Sodium pyruvate with NaHCO ₃	500 mL C4036.0500
	L-Cystine	62.58			
	L-Glutamine	584.00			
	L-Glutamic acid	75.00			
	Glycine	30.00			
	L-Histidine x HCl x H ₂ O	42.00			
	L-Isoleucine	104.80			
	L-Leucine	104.80			
	L-Lysine x HCl	146.00			
	L-Methionine	30.00			
	L-Phenylalanine	66.00			
	L-Serine	42.00			
	L-Threonine	95.20			
	L-Tryptophane	16.00			
L-Tyrosine	72.00				
L-Valine	93.60				
Vitamines	D-Ca-Pantothenate	4.00		DMEM with 4.5 g/L Glucose with L-Glutamine without Sodium pyruvate with Hepes with NaHCO ₃	500 mL C4038.0500
	Cholinchloride	4.00			
	Folic acid	4.00			
	myo-Inositol	7.00			
	Nicotinamide	4.00			
	Pyridoxal x HCl	4.00			
	Riboflavine	0.40			
	Thiamine x HCl	4.00			
				DMEM without Glucose without L-Glutamine without L-Arginine with Sodium pyruvate with NaHCO ₃	500 mL C4265.0500
DMEM with 4.5 g/L Glucose with stabilised Glutamine without Sodiumpyruvate with NaHCO ₃	500 mL	C4040.0500		DMEM without Glucose without non-essential amino acids without Sodium pyruvate without NaHCO ₃	500 mL C4041.0500
DMEM with 4.5 g/L Glucose with stabilised Glutamine with Sodiumpyruvate with NaHCO ₃	500 mL	C4028.0500			