

Joklik-MEM

Description

Joklik's MEM is a modification of MEM for suspension cultures. Due to the absence of calcium chloride in this formulation the attachment of cells is reduced.

Composition

	Components	mg/L
Inorganic Salts	Magnesium chloride x 6H ₂ O	200.00
	Potassium chloride	400.00
	Sodium chloride	6,500.00
	Sodium dihydrogen phosphate x H ₂ O	1,327.00
Other Components	D(+)-Glucose anhydrous	2,000.00
	Phenol red	10.00
Amino acids	L-Arginine x HCl	126.00
	L-Cystine	24.00
	L-Glutamine	294.00
	L-Histidine Base	31.00
	L-Isoleucine	52.00
	L-Leucine	52.00
	L-Lysine x H ₂ O	65.00
	L-Methionine	15.00
	L-Phenylalanine	32.00
	L-Threonine	48.00
	L-Tryptophan	10.00
	L-Tyrosine	32.60
Vitamins	L-Valine	46.00
	D-Calcium pantothenate	1.00
	Choline chloride	1.00
	Folic acid	1.00
	myo-Inositol	2.00
	Nicotinamide	1.00
	Pyridoxal x HCl	1.00
Riboflavin	0.10	
Thiamine x HCl	1.00	

Liquid Media

Joklik – MEM⁽¹⁾
Hepes Medium
with L-Glutamine
with 3.6 g/L Hepes 500 ml P04-21300

Joklik - MEM⁽²⁾
modified for spinner culture
with EBSS (modified)
without L-Glutamine
without Antibiotica
without Calciumchloride
with 2.0 g/L NaHCO₃ 500 ml P04-21200

Powder Media

Joklik - MEM⁽¹⁾
modified for spinner culture
with EBSS (modified)
without L-Glutamine
without Antibiotica
without Calciumchloride 10 L P03-02010P
without NaHCO₃ 50 L P03-02050P

(1) usually on stock, (2) minimum order 10 l, (3) available on request