

MEM Eagle Medium

Product Description

MEM eagle (EMEM) was developed in 1959 for cultivation of HeLa and L cells. Amino acid concentrations conform closely to the protein composition of human cells. Higher concentrations of nutrients permit longer periods between feedings. EMEM has vitamin concentrations 2-5X greater than BME and higher amino acid concentrations than BME. EMEM is suitable for culturing a broad spectrum of mammalian cells.

Product List

Code	Size	Description
LSG-1002A	500ml	EMEM (2x) with Earle's BSS, without L-Glutamine
LSG-1100U	450mL	EMEM with Earle's BSS, with nonessential amino acids and L-glutamine, without calcium
LSG-1096A	500mL	EMEM with Earle's BSS, without L-glutamine
LSG-1092L	1 litre	EMEM with Earle's BSS, without L-glutamine
LSG-1102A	500mL	MEM with Hank's BSS, without L-glutamine
LSG-1104A	500mL	EMEM with 25 mM HEPES buffer, without L-glutamine, with Earle's BSS
LSG-1104L	1 litre	EMEM with 25 mM HEPES buffer, without L-glutamine, with Earle's BSS
LSG-1098A	500mL	EMEM with Earle's BSS, with L-glutamine
LSG-1101A	500mL	EMEM with Earle's BSS, with non-essential amino acids and sodium pyruvate, without L-glutamine
LSG-1089B	100mL	EMEM 2X with Earle's BSS, without L-glutamine or phenol red (virus plaquing medium)
LSG-1090B	100mL	EMEM cell culture maintenance media
LSG-1090A	500mL	EMEM cell culture maintenance media
LSG-1091A	500mL	EMEM with Hank's BSS, with 25mM HEPES buffer, without L-glutamine
LSG-1099A	500mL	EMEM 10X With Earle's BSS, without sodium bicarbonate(NaHCO ₃) or L-glutamine

Quick reference chart

Code	L-glutamine	HEPES	Phenol red	Sodium pyruvate
LSG-1002	-	-	+	-
LSG-1100	+	-	+	-
LSG-1096	-	-	+	-
LSG-1102	-	-	+	-
LSG-1104	-	+	+	-
LSG-1091	-	+	+	-
LSG-1098	+	-	+	-

LSG-1101	-	-	+	+
LSG-1089	-	-	-	-
LSG-1099	-	-	+	-
LSG-1090	+	+	+	-

Specifications

Code	Sterile	pH	Buffering capacity**	Cell growth*
LSG-1002	Yes	FIO	-	-
LSG-1100	Yes	FIO	-	-
LSG-1092	Yes	6.7 – 7.3	4.4 – 22.4	>75%
LSG-1102	Yes	6.92 – 7.40	16.0 – 33.0	>75%
LSG-1104	Yes	7.01 – 7.27	12.3 – 25.9	>75%
LSG-1091	Yes	7.02 – 7.42	9.8 – 25.0	>75%
LSG-1098	Yes	6.9 – 7.3	5.4 – 16.0	>75%
LSG-1011	Yes	7.0 – 7.3	6.3 – 16.0	>75%
LSG-1089	Yes	6.7 – 7.5	FIO	>75%
LSG-1099	Yes	5.2 – 6.0 (1X)	-	>75%
LSG-1090	Yes	7.0 -7.4	10.0 – 35.0	>75%

* % of control

**Refeed toxicity test: non-toxic

For Research use only. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or *in vitro* procedures.

Support

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