

Dulbecco's Modified Eagle Medium (DMEM)

Product use

Dulbecco's modified eagle medium was developed in 1969 and is a modification of basal medium eagle (BME) that differs from BME and MEM by the following characteristics:

- Vitamins 4X greater than MEM. Vitamins and amino acids greater than BME
- Types and quantities of amino acids greater than MEM and BME
- Iron (ferric nitrate)

Quick reference chart

	Glucose	L-glutamine	Phenol red	HEPES buffer	Sodium pyruvate
(BE)12-604	4.5 g/L	+	+	-	+
(BE)12-614	4.5 g/L	-	+	-	+
(BE)12-707	1.0 g/L	-	+	-	+
(BE)12-708	1.0 g/L	-	+	+	+
(BE)12-709	4.5 g/L	-	+	+	+
(BE)12-733	4.5 g/L	-	+	-	-
(BE)12-741	4.5 g/L	+	+	-	-
(BE)12-917	4.5 g/L	-	-	-	+

Storage

2°C to 8°C

Ordering information

Catalog number	Description	Size
12-604F BE12-604F	DMEM with 4.5 g/L glucose, with L-glutamine	500 mL
12-604F/U1 BE12-604F/U1	DMEM with 4.5 g/L glucose, with Ultraglutamine I	500 mL
12-604Q	DMEM with 4.5 g/L glucose, with L-glutamine	1 L
12-614F BE12-614F	DMEM with 4.5 g/L glucose, without L-glutamine	500 mL
12-614Q	DMEM with 4.5 g/L glucose, without L-glutamine	1 L
12-707F BE12-707F	DMEM with 1.0 g/L glucose, without L-glutamine	500 mL
12-708F BE12-708F	DMEM with 1.0 g/L glucose, and 25 mM HEPES buffer, without L-glutamine	500 mL
12-709F BE12-709F	DMEM with 4.5 g/L glucose, and 25 mM HEPES buffer, without L-glutamine	500 mL
12-733F BE12-733F	DMEM with 4.5 g/L glucose, without L-glutamine, without sodium pyruvate	500 mL
12-741F BE12-741F	DMEM with 4.5 g/L glucose, with L-glutamine, without sodium pyruvate	500 mL
12-917F BE12-917F	DMEM with 4.5 g/L glucose, without L-glutamine or phenol red.	500 mL

Product use statement

THESE PRODUCTS ARE 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* diagnostic procedures.