

DMEM

High glucose

Reliable, high-quality classical media

Dulbecco's Modified Eagle's Medium (DMEM) is a modification of Basal Medium Eagle (BME) that contains high concentrations of amino acids and vitamins. The original formulation contained 1000 mg/L of glucose and was used to culture embryonic mouse cells. Since then, it has been modified in several ways to support primary cultures of mouse and chicken cells, as well as a variety of normal and transformed cells.

This DMEM is modified to contain 4 mM L-glutamine, 4500 mg/L glucose, 1 mM sodium pyruvate, and 1500 mg/L sodium bicarbonate. This medium also includes a reduced level of sodium bicarbonate which is intended for use in 5% CO₂. Additional sodium bicarbonate may be required for use in incubators containing higher percentages of CO₂.

This DMEM is modified as follows:

With

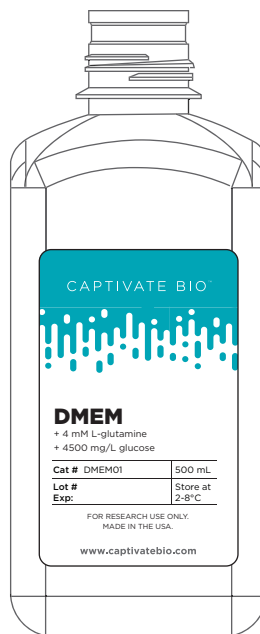
- L-glutamine
- Glucose

Without

- HEPES

All Captivate Bio cell culture media including DMEM is manufactured under cGMP guidelines and in ISO-certified facilities.

For more information, visit [captivatebio.com](https://www.captivatebio.com), email orders@captivatebio.com, or contact us at (617) 607-4017.



High Quality Medium



Made in the USA



Reliable Formulation



Customization available

Quality Specifications

Intended use	Mammalian cell culture, mouse ES cells, human pluripotent cells		
Glutamine	L-glutamine	HEPES Buffer	no HEPES
Phenol Red Indicator	Phenol Red	Shelf-Life	12 months from date of manufacture
pH	7.0-7.4	Storage	2-8° C
Osmolality	270 - 366 mOsm/kg	Sterility	Pass
Endotoxin	< 1.0 EU/mL	Mycoplasma	Not Detected

Product Information

	CAT NO	QTY
DMEM, High Glucose	DMEM01	500 mL
	DMEM02	1000 mL

* Custom formulations and bulk packaging available.