

HyClone™ Dulbecco's Modified Eagle Medium (DMEM) with high glucose: Liquid

HyClone DMEM high glucose liquid media supports cell growth in research, upstream process development, and cell culture manufacturing processes.

Overview

HyClone DMEM high glucose liquid media supports cell growth in research, upstream process development, and cell culture manufacturing processes.

- DMEM high glucose medium efficacy and homogeneity is tested with HyClone sera.

DMEM media contain increased concentrations of vitamins, minerals, and amino acids compared to traditional basal media. DMEM medium composition also includes ferric nitrate, making this cell culture medium an option for certain cell lines requiring iron for cell growth. HyClone DMEM media preparations are available in high or low glucose formulations, as well as with or without L-glutamine, magnesium, and sodium pyruvate. DMEM formulation options may also include phenol red as a pH indicator. All available DMEM media products contain a sodium bicarbonate buffer with or without HEPES to maintain optimal culture pH.

HyClone DMEM raw material components are screened through strict quality control testing for lot-to-lot consistency. DMEM liquid media products are hydrated using purified water and undergo sterile filtration.

What is DMEM media used for?

DMEM is used for a variety of mammalian cell culture manufacturing processes and research applications. DMEM media formulations have supported tumorigenicity studies, virus replication analyses, and investigations into the influence of cell culture media on gene expression. DMEM medium is commonly used for adherent cells and has been the cell culture medium of choice for hybridoma, fibroblast, neuron, and smooth muscle cell lines as well as many other tissues types. DMEM medium is frequently combined with fetal bovine serum (FBS) as DMEM media composition does not include the growth factors, proteins, hormones, or lipids needed to promote cell growth

Product specifications
HyClone™ DMEM/high glucose liquid, with L-glutamine, sodium pyruvate, 500 mL

Catalog code	SH30243.01

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Additives	With: L-glutamine, sodium pyruvate
Shelf life	12 months
Storage	2° to 8°C, away from light
Sterilization	0.1 µm sterile filtered
Format	Liquid

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