

DMEM, High Glucose, GlutaPlus, no HEPES, no Sodium Pyruvate

Cat. No.: G4523

Product Information

Product Name	Cat. No.	Spec.
DMEM, High Glucose, GlutaPlus, no HEPES, no Sodium Pyruvate	G4523-500ML	500 mL

Product Description

Dulbecco's Modified Eagle Medium (DMEM), is a modified medium based on MEM, is now widely used in various cell cultures. DMEM High Glucose Medium is commonly used for fast-growing cells with low adhesion. It can be used for the culture of many kinds of mammalian primary cells, such as primary fibroblasts, neuronal cells, glial cells, HUVEC, smooth muscle cells, etc. It can also be used for the culture of some cell lines, such as Hela, 293, Cos-7 and PC-12.

This product contains amino acids, vitamins, inorganic salts and other ingredients required for cell culture, without protein or growth factors. Need to add 5-10% serum or serum-free additives depending on the cell type.

This product is sterilized by 0.1 μ m filter membrane, pH 7.0-7.4, contains 25 mM D-glucose, 4.0 mM L-alanyl-L-glutamine and phenol red indicator, no HEPES buffer system and sodium pyruvate.

L-alanyl-L-glutamine, is a cell culture additive that replaces medium moles of L-glutamine in cell culture media. The substance is stable in aqueous solution and does not degrade spontaneously. Instead, it is slowly degraded by a peptidase secreted by cells to release glutamine, which is then absorbed and used by cells.

Storage and Shipping Conditions

Ship at room temperature; Store away from light at 2-8°C, valid for 12 months.

Note

1. This product has been filtered and sterilized. Attention should be paid to aseptic operation to avoid contamination.
2. Avoid freezing the culture medium. Freezing may cause precipitation and precipitation of nutrients, which may not be completely dissolved after rewarming, affecting the cell culture effect. In addition, when the medium is stored at 2-8°C, do not store it completely close to the inner wall of the refrigerator to prevent the medium from freezing due to localized low temperature.
3. For your safety and health, please wear safety glasses, gloves and protective clothing.

For Research Use Only!

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