Dulbecco's MEM Culture Media

PRODUCT OVERVIEW

Product Name	Dulbecco's MEM, Culture Media
Full Product Name	Dulbecco's MEM (DMEM) Ham's F-12 w/HEPES w/o CuSO4, FeSO4, MgSO4, ZnSO4 (Powder)
Form/Format	Orange to light orange, homogeneous, free flowing powder
Purity/Purification	Cell Culture Grade
Preparation and Storage	Room Temperature
Endotoxin Level	10EU/mg
pH	As reported
Solubility	Yellow, clear, complete
Product Categories/Family for Dulbecco's MEM culture media	Culture Media; Media-Cell Culture; DMEM
Related Product Information for Dulbecco's MEM culture media	Dulbecco's MEM is the most widely used modification of BME. It contains a 4-fold higher concentration of amino acids and vitamins. Non-essential amino acids and certain essential trace elements were added. The bicarbonate concentration was increased. The standard formula for DMEM is with 1000mg/ml glucose. DMEM "High Glucose" with 4500mg/ml aides in the cultivation of certain cell types. DMEM was originally developed for the culture of mice embryonic cells. Today, it finds a broad application of serum free culture of normal and transformed mouse and chicken cells. Ham's Nutrient Mixtures were originally developed to support growth of several clones of Chinese hamster ovary (CHO) cells, of HeLa and of mouse L-cells. Ham's mixtures were formulated for use with or without serum supplementation, depending on the cell type being cultured. Ham's F-12 was developed for growth of primary rat hepatocytes and rat prostate epithelial cells. It is also used in a clonal toxicity assay using CHO cells.
Other Notes	Small volumes of Dulbecco's MEM culture media vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Dulbecco's MEM purchase	MBS653044 is a culture media targeting Dulbecco's MEM. Also known as Dulbecco's MEM (DMEM) Ham's F-12 w/HEPES w/o CuSO4, FeSO4, MgSO4, ZnSO4 (Powder).

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Online datasheet: https://www.mybiosource.com/culture-media/dulbeccos-mem/653044