Alphabioregen

Product Name: Dulbecco's MEM (DMEM) Ham's F-12

Catalog No: PG025

Product Format: Liquid

Stored at 4°C

General Information: 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.

The medium is for research use only and not approved for human or animal use or for application in any in vitro diagnostic procedure. Storage of the medium and supplements Please note that the basal medium has to be stored at 4°C up to 8°C but never should be frozen. The supplement has to be stored at -20°C. Protect from light for a longer time period.

Preparing and Stability:

Thaw the supplement mixture at 37°C before adding to the basal medium. After thawing please rinse the bottle and the tube with 70% ethanol as protection. Remove ethanol excess before opening the cap of the tube. After adding the supplement mixture to the basal medium slew carefully to get a homogenous medium. Please be careful not to touch the tube or bottle interior threads with your fingers. Please avoid long term exposure to light because some components are light sensitive. Also do not warm up the medium over 37°C. All this protects your medium against contamination or degradation of essential components.