

AG- MEM (Minimal Essential Medium)

INSTRUCTION FOR USE

AstraGene MEM (Minimal Essential Medium) can be used with a variety of suspension and adherent mammalian cells in culture, including HeLa, BHK-21, 293, HEP-2, HT-1080, MCF-7, and fibroblasts. MEM is available with Earle's salts for use in a CO₂ incubator, or with Hanks' salts for use without CO₂. MEM with Earle's salts uses a sodium bicarbonate buffer system (2.2 g/L), and therefore requires a 5–10% CO₂ environment to maintain physiological pH. MEM with Hanks' salts does not require a CO₂ environment to maintain physiological pH. MEM contains no proteins, lipids, or growth factors. Therefore, MEM requires supplementation, commonly with 10% fetal bovine serum (FBS).

PACKAGE CONTENTS

Product	Catalogue No.
MEM with Earle's Salts with L-Glutamine -500mL	AG/MEDIUM/MEM-A/01
MEM with Earle's Salts with L-Glutamine -1000mL	AG/MEDIUM/MEM-A/02

GUIDELINES FOR USE

- Ready-to-use commercial cell culture media undergoes strict quality control to ensure sterility but may become contaminated while handling. Follow these guidelines for sterile handling to avoid contamination.
- Always wipe your gloved hands and work area with 70% ethanol.
- Wipe the outside of the containers, flasks, plates, and dishes with 70% ethanol before placing them in the cell culture hood.
- Use sterile pipette tips and pipettes to work with liquids and use each pipette tip only once to avoid cross-contamination.
- Do not unwrap sterile pipettes until they are ready to be used. Keep pipettes and tips within the clean work area.
- Do not talk while performing sterile procedures and perform your cell culture as efficiently and carefully as possible to minimize contamination.

STORAGE &STABILITY

Store at 2-8°C, protect from light. The unopened medium is stable until the expiration date marked on its bottle.

SYMBOLS



Do not use if package is damaged



Manufacturer



Batch Code



CE mark of Conformity



Refer to the instructions



ISO



GMP



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