

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

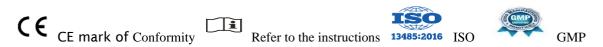
- Ready-to-use commercial cell culture media undergoes strict quality control to ensure sterility but may become contaminated while handling. Follow
 these guidelines for sterile handling to avoid contamination.
- Always wipe your gloved hands and work area with 70% ethanol.
- Wipe the outside of the 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





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