



Personalized PDF Catalog
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HyClone™ Liquid Cell Culture Media, Minimal Essential Medium (MEM), HyClone products (Cytiva)



Supplier: HyClone products (Cytiva)



Minimum Essential Medium (MEM) is one of the earliest modifications of Basal Medium Eagle (BME) containing amino acid concentrations that more closely mimic those found in mammalian cells. MEM has been used with serum supplementation on a broad range of cell types including suspension and adherent mammalian cells, HeLa, BHK-21, HEK-293, HEp-2, HT-1080, MCF-7, fibroblasts and primary rat astrocytes.

- ▶ Available with or without L-glutamine, sodium pyruvate, or phenol red
- ▶ Multiple modifications and reduced serum options
- ▶ Hydrated using WFI quality water
- ▶ 0,1 µm sterile filtered
- ▶ Manufactured using ISO 9001:2000-certified processes







Numerous other modifications of MEM have also been developed. MEM contains non-essential amino acids, sodium pyruvate, lipoic acid, vitamin B12, biotin and ascorbic acid. MEM has been used for many cell types grown as monolayers.

MEM is available without nucleosides for use as a selection medium for DG44 and other DHFR negative cells. Suspension modifications replace calcium with magnesium ions to inhibit cell attachment.

ADCF=Animal derived component free

ORDER

VWR Catalog Number	Quantity	Description	Media format	Pk
HYCLSH30024.01		MEM with Earle's balanced salts solution, with L-glutamine	Liquid	500 mL
SH30024.02		MEM with Earle's balanced salts solution, with L-glutamine	Liquid	1 L
HYCLSH30024.FS		MEM with Earle's balanced salts solution, with L-glutamine, 6×500 ml	Liquid	6
HYCLSH30024.LS		MEM with Earle's balanced salts solution, with L-glutamine, 6×1000 ml	Liquid	6

HYCLSH30244.01		MEM with Earle's balanced salts solution, without L-glutamine	Liquid	500 ml
HYCLSH30244.FS		MEM with Earle's balanced salts solution, without L-glutamine, 6×500 ml	Liquid	6
HYCLSH30265.01		MEM Alpha modification, with L-glutamine, ribo- and deoxyribonucleosides	Liquid	500 mL
HYCLSH30265.02		MEM Alpha modification, with L-glutamine, ribo- and deoxyribonucleosides	Liquid	1.000 ml
SH30265.03		MEM with Earle's balanced salts solution alpha mod	Liquid	5 L
HYCLSH30265.FS		MEM Alpha modification, with L-glutamine, ribo- and deoxyribonucleosides, 6×500 ml	Liquid	6