



## alpha-MEM w/o nucleosides; w/ L-Glutamine & Sodium Pyruvate

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Minimum Essential Medium Alpha Modification is known to be alpha-MEM, enhanced version of the original Minimum Essential Medium (MEM). It is a nutrient-rich culture medium used to grow a wide variety of mammalian cells. It contains all the components of standard MEM but is further enriched with additional vitamins, amino acids, and other supplements, including Non-essential amino acids, Sodium pyruvate, Ascorbic acid (vitamin C), Biotin, Vitamin B12, and Lipoic acid (antioxidant cofactor).

In addition, alpha-MEM is available in two primary formulations to suit different experimental needs:

With Nucleosides: contains deoxyribonucleosides and ribonucleosides.

Without Nucleosides: contains a mutated or deficient dihydrofolate reductase (DHFR) gene, such as DG44 cells. It requires DHFR-negative cells to produce their own nucleosides.

\*All cell culture media & supplements are available in standard pack size of 500mL (liquid) and 10 x 1L (powder sachets). Bulk packing in powder form is also available on request.

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| Catalog No.       | 585612                        |
| Size              | 500mL / 10 x 1L               |
| Product Category  | Cell Culture Media            |
| With              | L-Glutamine & Sodium Pyruvate |
| Without           | Phenol Red                    |
| Storage/Stability | 2 ~ 8°C/1 year                |
| Shipping          | Gel Packs                     |