

Basal Medium Eagle with Hank's salts*Cell Culture Medium*

产品编号: CM50006

产品简介: Developed by Harry Eagle in 1962, Eagle's Basal Medium or BME is one of the most widely used of all synthetic cell culture media. BME, when properly supplemented, has demonstrated wide applicability, for supporting monolayer growth of a wide variety of normal and transformed cell lines. BME was developed a result of numerous studies carried out in the late 1950's to determine the essential nutritional requirements and other factors critical to the growth of cells in culture. BME is the predecessor of Eagle's Minimum Essential Medium (MEM) and Dulbecco's Modified Eagle's Medium (DME) and is suitable for use with diploid and primary mammalian cell cultures.

产品类型: 无菌过滤即用型液体培养基

渗透压: 295±30 mOsm

酸碱度: 7.3±0.2

储存条件: 4-8°C

包装规格: 500mL

参考文献:

Eagle, H. et al (1956). myo-Inositol as an Essential Growth Factor for Normal and Malignant Human Cells in Tissue Culture. J.Biol. Chem. 214, 839.

化学成分:

| | | | | | |
|--|-------------|----------------------------------|-------------|----------------|------|
| Inorganic Salts | mg/L | L-Phenylalanine | 16.51 | D-Glucose | 1000 |
| CaCl ₂ (anhydrous) | 140.04 | L-Threonine | 23.82 | Phenol red, Na | 17 |
| KCl | 400 | L-Tryptophan | 4.08 | | |
| KH ₂ PO ₄ | 60 | L-Tyrosine•2Na•2H ₂ O | 26.11 | | |
| MgSO ₄ (anhydrous) | 97.7 | L-Valine | 23.43 | | |
| NaCl | 8000 | Vitamins | mg/L | | |
| Na ₂ HPO ₄ (anhydrous) | 47.5 | Biotin | 1 | | |
| Amino Acids | mg/L | D-Calcium pantothenate | 1 | | |
| L-Arginine•HCl | 21.06 | Choline chloride | 1 | | |
| L-Cystine•2HCl | 15.55 | Folic acid | 1 | | |
| L-Glutamine | 292.3 | i-Inositol | 2 | | |
| L-Histidine•HCl•H ₂ O | 10.5 | Nicotinamide | 1 | | |
| L-Isoleucine | 26.23 | Pyridoxine•HCl | 1 | | |
| L-Leucine | 26.23 | Riboflavin | 0.1 | | |
| L-Lysine•HCl | 36.53 | Thiamine•HCl | 1 | | |
| L-Methionine | 7.46 | Other | mg/L | | |

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