

DMEM (High glucose)

Cat#: CM2102, 500 mL

Store at 2-8°C, shading light

DESCRIPTION

DMEM (Dulbecco's Modified Eagle Medium) was developed on the basis of MEM medium. Compared with MEM medium, the content of amino acid increased by 2 times, the content of vitamin increased by 4 times, and the content of non-essential amino acid, trace iron ion and sodium pyruvate were increased by 4 times. The glucose content of DMEM medium was originally designed as 1000 mg/L (low Glucose type), and then developed into 4500mg/L (high Glucose type), which has been widely used in cell culture. DMEM (High glucose) was widely used in fast growth, low adhesion cells, hybridoma myeloma cells, clone cells, DNA transfected transformation cells, various primary virus host cells, single cell culture and vaccine production. DMEM (High glucose) contains many kinds of amino acids, vitamins, inorganic salts and other ingredients for cell culture, but does not contain protein, lipids or any growth factors, so the product should be used with serum or serumfree additives

GENERAL INFORMATION

| | |
|--------------------------|----------------------|
| Product Form | Liquid |
| Concentration | 1X |
| pH | 7.2-7.4 |
| D-Glucose | 4500 mg/L |
| HEPES | negative |
| L-glutamine | 4 mM |
| NaHCO₃ | 3700 mg/L |
| Phenol red | 15 mg/L |
| Sodium pyruvate | 1 mM |
| Storage | 2-8°C, shading light |
| Shipping | RT |
| Expiration date | 12 months |

PRODUCT USE LIMITATION

These products are intended for research use only.

RELATED PRODUCTS

| Cat# | Product Name | Size | Form |
|---------------|--|-------------|-------------|
| CM2101 | DMEM (High Glucose), powder | 10x1L | Powder |
| CM2102 | DMEM (High glucose) | 500 mL | Liquid |
| CM2103 | DMEM (High glucose) (with PS) | 500 mL | Liquid |
| CM2104 | DMEM (High glucose) (without sodium pyruvate) | 500 mL | Liquid |
| CM2105 | DMEM (High glucose) (without L-glutamine, with PS) | 500 mL | Liquid |
| CM2106 | DMEM (High glucose) (with HEPES, without sodium pyruvate) | 500 mL | Liquid |
| CM2107 | DMEM (High glucose) (with HEPES) | 500 mL | Liquid |
| CM2108 | DMEM (High glucose) (with HEPES, without L-glutamine) | 500 mL | Liquid |
| CM2109 | DMEM (High glucose) (without phenol red, with HEPES) | 500 mL | Liquid |
| CM2110 | DMEM (Low glucose) | 500 mL | Liquid |
| CM2111 | DMEM (Low glucose) (with PS) | 500 mL | Liquid |
| CM2112 | DMEM (Low glucose) (with HEPES) | 500 mL | Liquid |
| CM2113 | DMEM (Low glucose) (with HEPES, PS) | 500 mL | Liquid |
| CM2114 | DMEM (Low glucose) (without sodium pyruvate) | 500 mL | Liquid |
| CM2115 | DMEM (Low glucose) (without L-glutamine) | 500 mL | Liquid |
| CM2116 | DMEM (Low glucose) (with HEPES, without sodium pyruvate) | 500 mL | Liquid |
| CM2117 | DMEM (Low glucose) (with HEPES, without L-glutamine) | 500 mL | Liquid |
| CM2118 | DMEM (Low glucose) (without phenol red) | 500 mL | Liquid |
| CM2119 | DMEM (Low glucose) (without phenol red, with HEPES) | 500 mL | Liquid |
| CM2120 | DMEM (glucose free) | 500 mL | Liquid |
| CM2121 | DMEM (glucose free) (without sodium pyruvate) | 500 mL | Liquid |
| CM2122 | DMEM (glucose free) (without L-glutamine) | 500 mL | Liquid |
| CM2123 | DMEM (glucose free) (with HEPES) | 500 mL | Liquid |
| CM2124 | DMEM (glucose free) (without phenol red) | 500 mL | Liquid |
| CM2125 | DMEM (glucose free) (without phenol red, with HEPES) | 500 mL | Liquid |
| CM2126 | DMEM (High glucose) (without L-glutamine) | 500 mL | Liquid |
| CM2127 | DMEM (High glucose) (without phenol red) | 500 mL | Liquid |
| CM2114 | DMEM (Low glucose) (without sodium pyruvate) | 10x1L | Powder |