

## DMEM (Low glucose) (with HEPES)

Cat#: CM2112, 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 4500 mg/L (high Glucose type), which has been widely used in cell culture. DMEM (Low 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 serum-free additives.

### **GENERAL INFORMATION**

<b>Product Form</b>	<b>Liquid</b>
<b>Concentration</b>	1X
<b>pH</b>	7.2-7.4
<b>D-Glucose</b>	1000 mg/L
<b>HEPES</b>	25 mM
<b>L-glutamine</b>	4 mM
<b>NaHCO<sub>3</sub></b>	3700 mg/L
<b>Phenol red</b>	15 mg/L
<b>Sodium pyruvate</b>	1 mM
<b>Storage</b>	2-8°C, shading light
<b>Shipping</b>	RT
<b>Expiration date</b>	12 months

### **PRODUCT USE LIMITATION**

These products are intended for research use only.

## **RELATED PRODUCTS**

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