

Product sheet

DMEM:Ham's F12 (1:1), w: 3.1 g/L β -glucose, w: 2.5 mM L- α -glutamine, w: 15 mM HEPES, w: 0.5 mM β -mercaptoethanol, w: 1.2 g/L NaHCO₃ | 820400a

DMEM:Ham's F12 is a combination of Dulbecco's Modified Eagle Medium (DMEM) and Ham's F-12 (F12). DMEM is a combination of Dulbecco's Modified Eagle Medium (DMEM) and Ham's F-12 (F12). DMEM, also known as Eagle's Minimal Essential Medium (EMEM), is a combination of Dulbecco's Modified Eagle Medium (DMEM) and Ham's F-12 (F12). DMEM:Ham's F12 is a combination of DMEM and Ham's F-12. DMEM:Ham's F12 FBS is a combination of DMEM:Ham's F12 and Fetal Bovine Serum (FBS).

Components

- β -glucose

Storage

- Store at +2°C to +8°C, avoid freezing.
- Once thawed, store at 4°C for up to 6-8 weeks.

Usage

- Use as a cell culture medium.

Notes

- For long-term storage, freeze at +2°C to +8°C, avoid repeated freeze-thaw cycles. For short-term storage, store at +37°C, avoid repeated freeze-thaw cycles.
- Store at -37°C for up to 3 months. Thaw at room temperature and use immediately.
- Do not use after the expiration date. Keep away from light and moisture.

Ingredients

Component	Concentration	Weight (g/l)
β -glucose	3.1 g/L	18.75
L- α -glutamine	2.5 mM	4.45
L- α -glutamine HCl	2.5 mM	147.50
L- α -glutamine H ₂ O	2.5 mM	7.50
L- α -glutamine	2.5 mM	6.65
L- α -glutamine HCl H ₂ O	2.5 mM	17.56
L- α -glutamine 2 HCl	2.5 mM	31.29
L- α -glutamine	2.5 mM	7.35

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~~XXXXXXXXXX~~, w: 15 mM HEPES, w: 0.5 mM ~~XXXXXX~~ ~~XXXXXXXXXX~~, w: 1.2 g/
 L NaHCO3 | 820400a**

L- XXXXXXXXXX	365.00
L- XXXXXXXXXX HCl H ₂ O	31.48
L- XXXXXXXXXXXXXXXXXX	54.47
L- XXXXXXXXXX	59.05
L- XXXXXX HCl	91.25
L- XXXXXXXXXX	17.24
L- XXXXXXXXXXXXXXXXXX	35.48
L- XXXXXXXXXX	17.25
L- XXXXXX	26.25
L- XXXXXXXXXX	53.45
L- XXXXXXXXXXXXXX	9.02
L- XXXXXXXXXX 2Na 2 H	55.79
L- XXXXXX	52.85
XXXXXXXXXX	D- XXXXXXXXXX 0.0035
	XXXXXX XXXXXX 8.98
	D- XXXXXXXXXX XXXXXX 2.24
	XXXXXX XXXXXX 2.66
	XX - XXXXXXXXXXXXXXXXXX 12.60
	XXXXXXXXXXXXXXXXXX 2.02
	XXXXXXXXXXXXXXXXXX HCl 0.031
	XXXXXXXXXXXXXXXXXX HCl 2.00

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 L NaHCO₃ | 820400a**

XXXXXXXXXX	0.219	
XXXXXXXXXX HCl	2.17	
XXXXXXXXXX B ₁₂	0.68	
XXXXXX XXXXXXXXXXXXXX	CaCl ₂ · 2 H ₂ O	154.50
	CuSO ₄ · 5 H ₂ O	0.0013
	Fe(NO ₃) ₃ · 9 H ₂ O	0.05
	FeSO ₄ · 7 H ₂ O	0.417
	KCl	311.80
	MgCl ₂ · 6 H ₂ O	61.20
	MgSO ₄ · 7 H ₂ O	100.00
	NaCl	6996.00
	NaHCO ₃	1200.00
	Na ₂ HPO ₄	71.02
	NaH ₂ PO ₄ · 2 H ₂ O	70.87
	ZnSO ₄ · 7 H ₂ O	0.432
XXXXXXXXXX XXXXXX	D- XXXXXXXXXX	3151.00
	XXXXXXXXXXXXXX	2.40
	HEPES	3574.50
	XXXXXX XXXXXXXXXXXXXX	0.042
	XXXXXX XXXXXXXXXXXXXX	0.105

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L NaHCO3 | 820400a**

XX XXXX XX XXXX XXXX	8.63
XXXXXXXXXX 2 HCl	0.081
XXXXXXXXXX XXXXXX	55.00
XXXXXXXXXX	0.365