

CHO Serum-Free Feed

Catalog Number	Name	Size
SF2002	CHO Serum-free Feed A	100mL
SF2003	CHO Serum-free Feed B	10mL

Applicable cell lines

CHO serum-free feed medium (A&B) is independently developed and produced by Procella. It is suitable for the fed-batch culture of CHO (Chinese Hamster Ovary) cells of different subtypes to achieve high-density growth of cells and higher levels of protein/antibody expression and quality

Medium characteristics

1. Chemically-Defined, CD.
2. Free of hydrolysates, proteins, growth factors or ingredients of any animal origin.
3. Free of Glucose, HT or L-glutamine.

Recommended feed strategies

Culture system and feeding strategy	Basal Medium	Feed A	Feed B	Feeding strategies	Feeding addition amount (V/V)
	CHO serum-free basal medium	CHO Serum-free Feed A	CHO Serum-free Feed B	D3、D5、D7、D9、D11、D13	A:4% B:0.4%
Cell inoculation	Inoculation density: $1.0 \pm 0.2 \times 10^6$ cells/mL				
Adding Glucose strategy	When the concentration is lower than 4 g/L, supplement it to 6-8 g/L (Adjustments can be made according to the specific culture process. Glucose and feed supplements should be added according to the actual culture volume.)				
Cooling	The temperature of the entire culture cycle is controlled at 37°C, so the temperature should be cooled down according to the actual process needs				

After 3-5 consecutive passages, the Fed-batch assay will be performed when the amount of cells meets the requirements.

Storage

Store in 2-8°C; protect from light.

Shelf life: 12 months