

QuaCell® CellBest Basal Medium & 007 Feed Medium

QuaCell® CellBest Basal Medium & 007 Feed Medium is a combination of serumfree, animal-free, chemically-defined medium and supplements. It is suitable for routine cell culture using CHO cell lines and provides a rich source of nutrients for cell growth. It is also suitable for use in the research, development, and industrialisation of biotechnology products such as antibodies and recombinant proteins in suspension culture.



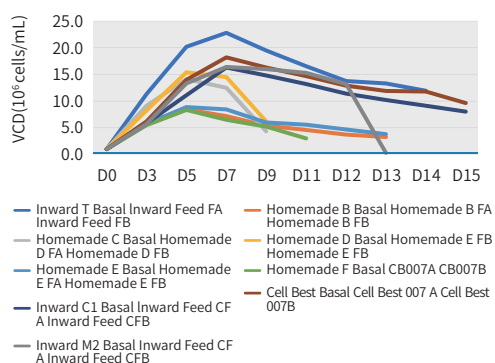
Product Advantages

- High titer, effectively increasing the target protein product concentration up to 14 g/L
- Highly compatible with CHO-K1, CHO-DG44, CHO-S, CHO-ZN and other cell lines
- Highly compatible with the CHO-K1Q cell line developed by QuaCell

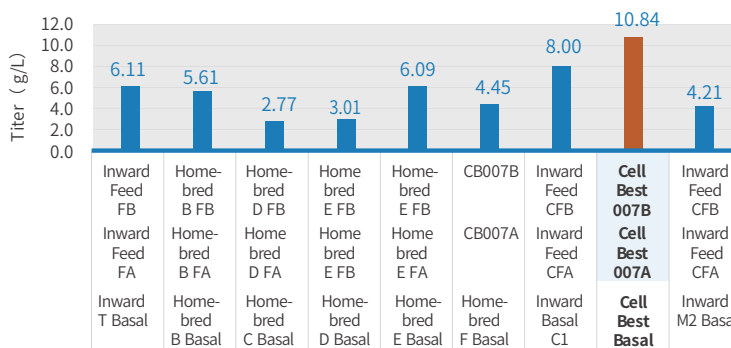
Case Study 1:

The project cells were CHO-K1Q cell line, CellBest Basal & 007 Feed was compared to other commercial medium and cultured in Fed-Batch. The results showed that CellBest Basal & 007 Feed showed the highest expression under the same conditions, significantly higher than other commercial medium

[Comparison of cell density in different medium under the same condition (Fed-Batch)]

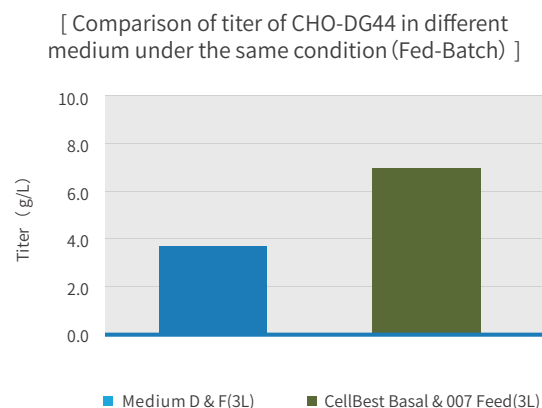
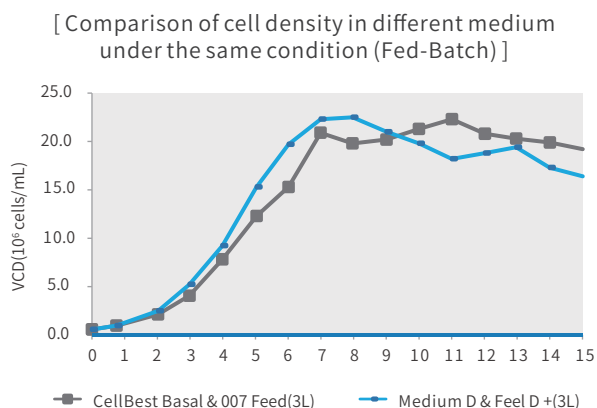


[Comparison of titer in different medium under the same condition (Fed-Batch)]



Case Study 2:

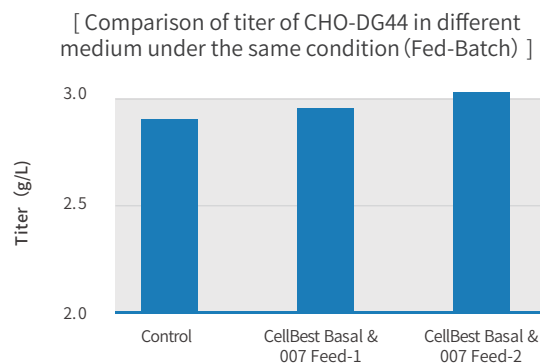
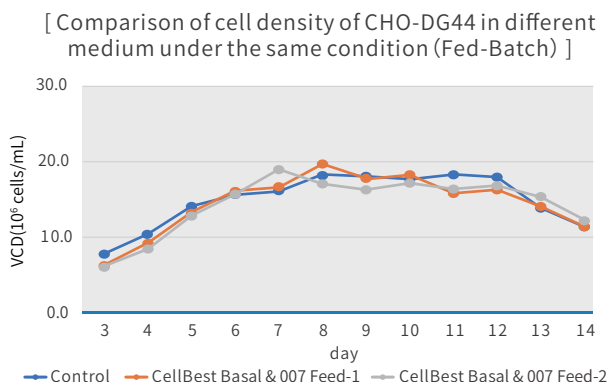
The project cells were CHO-K1 (ATCC) with an initial inoculation density of 0.5×10^6 cells/mL and cultured in a 3L reactor. The experimental group was CellBest Basal & 007 Feed, and the control was imported commercial Medium D and its corresponding supplement. CellBest Basal & 007 Feed showed significant advantages in cell growth and product expression compared with imported commercial medium.



Case Study 3:

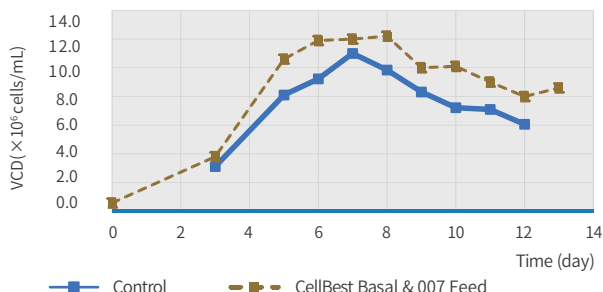
Highly compatible with CHO-K1, CHO-DG44, CHO-S, CHO-ZN and other cell lines

Case Study 3 and 4 were CHO-DG44 and CHO-ZN, respectively. CellBest Basal & 007 Feed was used as the experimental group and the original process was used as the control group. The results showed that, CellBest Basal & 007 Feed showed better cell growth and product expression than Cellbest basal & 007 feed, which indicates that Cellbest basal & 007 feed is suitable for CHO cell lines of different types.

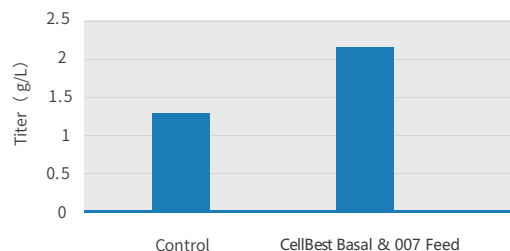


Case Study 4:

[Comparison of cell density of CHO-ZN in different medium under the same condition (Fed-Batch)]



[Comparison of titer of CHO-ZN in different medium under the same condition (Fed-Batch)]



Ordering Information

Product Name	Cat.No	Formulation	Amount
QuaCell® CellBest Basal Medium	A11009	Liquid	1000mL
QuaCell® CellBest 007 Feed Medium	A11907	Liquid	Set
QuaCell® CellBest Basal Medium	A12009-10	Powder	10L
QuaCell® CellBest Basal Medium	A12009-100	Powder	100L
QuaCell® CellBest 007A Feed Medium	A12907A	Powder	3L
QuaCell® CellBest 007A Feed Medium	A12907A-10	Powder	10L
QuaCell® CellBest 007B Feed Medium	A12957	Powder	300mL
QuaCell® CellBest 007B Feed Medium	A12957-3	Powder	3L