

QuaCell® CHO LeAd Medium

QuaCell® CHO LeAd Medium is a basic medium with no clear, no animal source components and limited chemical composition. The clear composition is conducive to the metabolic study of cell culture and makes the cell products easy to isolate and purify. On the premise of ensuring high product quality, this basic medium can effectively increase the yield of antibody and protein products. This product is suitable not only for routine cell culture with CHO cell lines, but also for research, development, and industrialization of biotechnology products such as antibodies and recombinant protein drugs using suspension culture of CHO cells.

Product Superiority:

- Dramatically increases product expression and maintains high recovery rate
- Highly compatible with CHO-K1Q cell line and supports the culture of CHO cell line.
- Highly compatible and can be used with various supplements.
- Highly stable, support undifferentiated scale-up culture



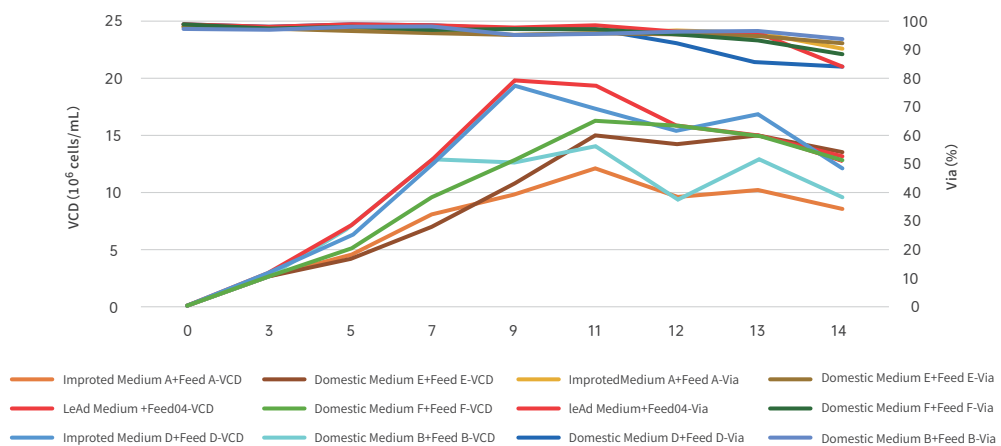
Data Presentation

Enhance the yield of antibody and protein products with high quality assurance

Case Study 1:

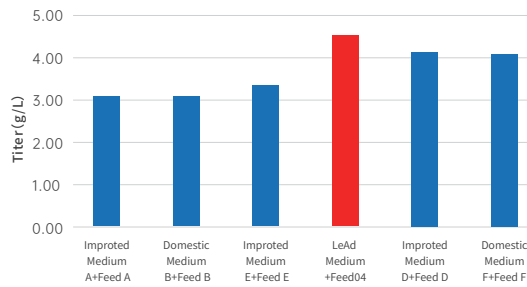
The target cell was CHO-K1Q cell line, the control commercial medium was two imported mediums and three domestic mediums, and the supplement was its corresponding commercial supplement; the supplement used in the experiments for LeAd Medium was Feed04. The results showed that the expression of the combination of LeAd Medium + Feed04 was significantly higher than that of the control group, and the quality data was slightly higher than that of the combination of the imported mediums. The quality data were slightly higher than that of the imported medium combination.

[Comparison of cell growth of CHO-K1Q cells in different medium]

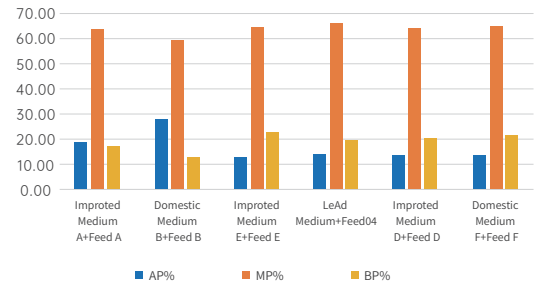


Data Presentation

[Comparison of titer of CHO-K1Q cells in different medium]



[Comparison of product quality of CHO-K1Q cells in different medium]

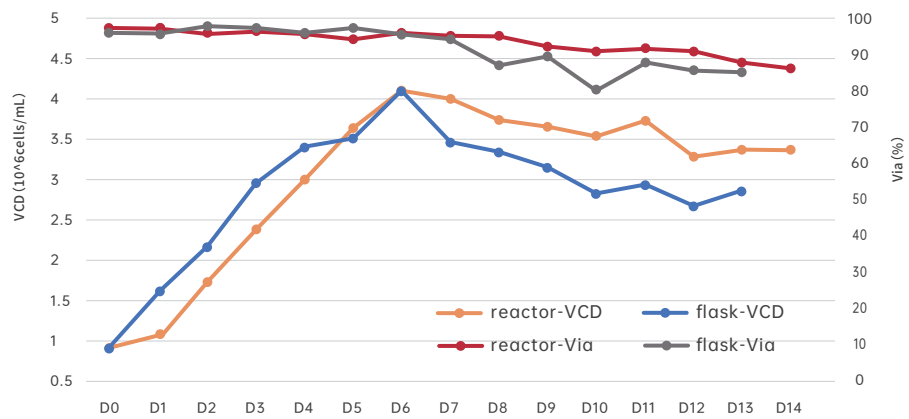


High stability, support undifferentiated scale-up culture

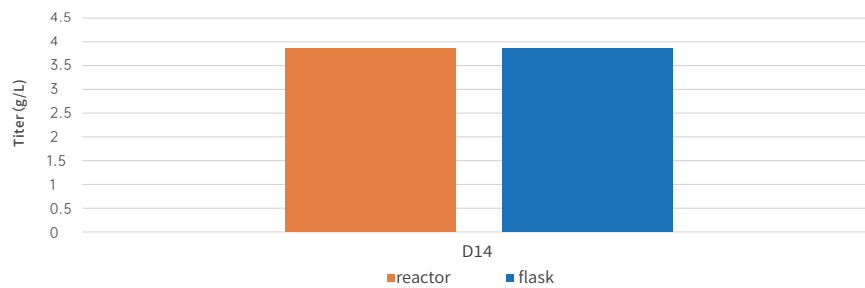
Case Study 2:

The CHO-K1 cell line was used for reactor scale-up culture, with an initial inoculum density of 8.0×10^5 cells/ml and a culture volume of 1L; the control was a shake flask culture, with an initial inoculum density of 8.0×10^5 cells/ml and a culture volume of 30mL; the results showed that there was little difference in the cell state of cells cultured in LeAd Medium in different culture systems. The results showed that the cell status of cells cultured in LeAd Medium did not differ greatly in different culture systems, and there was almost no difference in expression.

[Comparison of cell status of CHO LeAd in different culture systems]



[Comparison of titer of CHO LeAd in diffenet culture systems]



Ording Information

Product Name	Lot.	Characteristics	Size
QuaCell® CHO LeAd Medium	A11010	Liquid	1000mL
QuaCell® CHO LeAd Medium	A12010-10	Powder	10L
QuaCell® CHO LeAd Medium	A12010-100	Powder	100L

