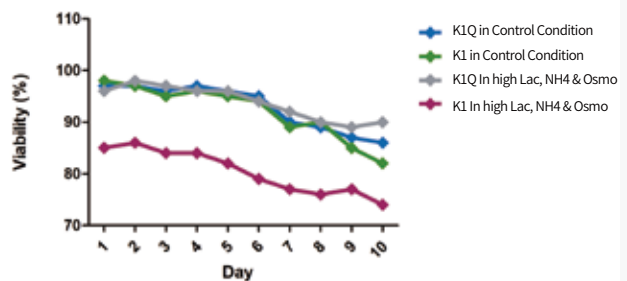
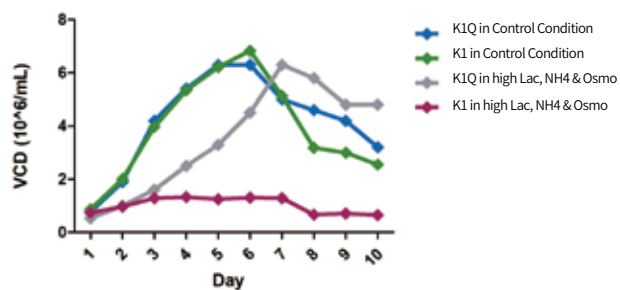


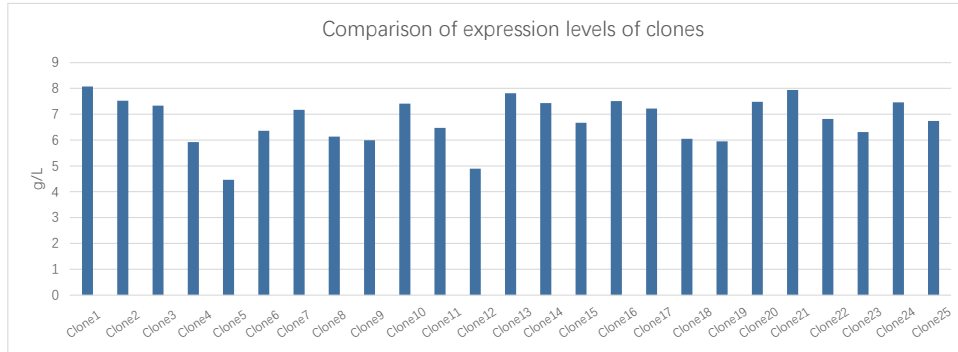
QuaCell® CHO-K1Q Cell line

The heroine of platform

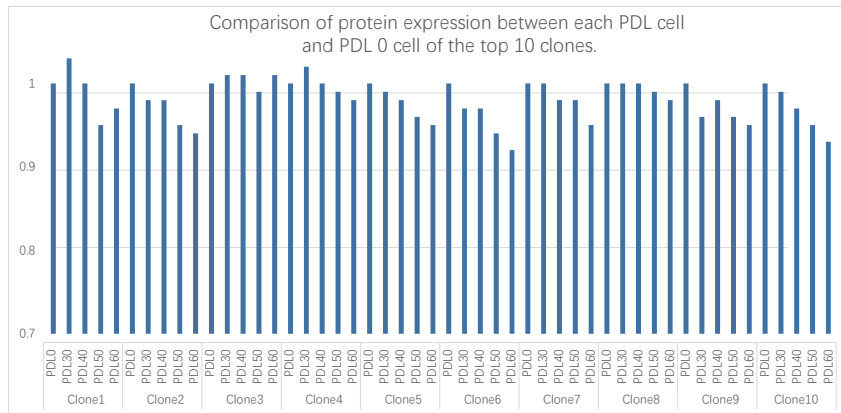
- High Lac, NH₄ & Osmo resistance
- Platform process, providing complete solutions to speed up R&D process
- High titer, the average IgG is more than 4.0 g/L, and the highest is 9.8 g/L
- Clear source, providing complete IND&BLA document support
- FTO, flexible global commercial license



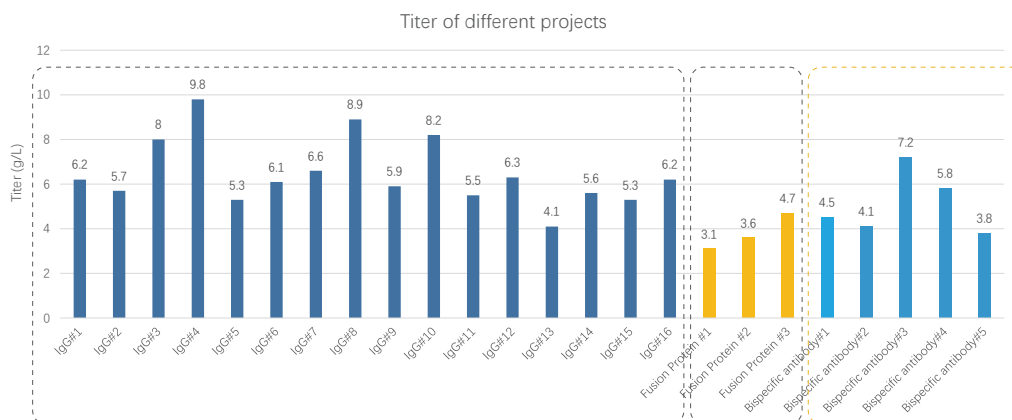
In high Lac, NH₄ & Osmo, the peak VCD of QUACELL CHO-K1Q cells was normal. In Control Condition, Cell density of QUACELL CHO-K1Q decreases slowly than CHO-K1.



The average titer was over 6.7g/L, and the highest titer reached 8.1g/L.



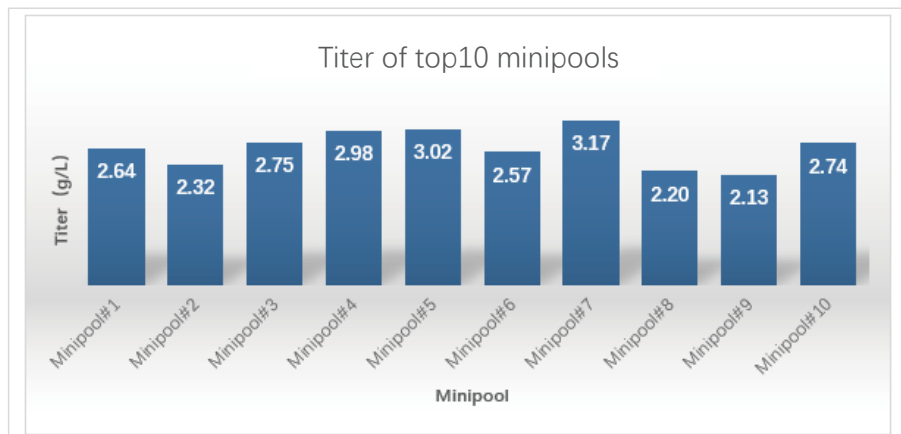
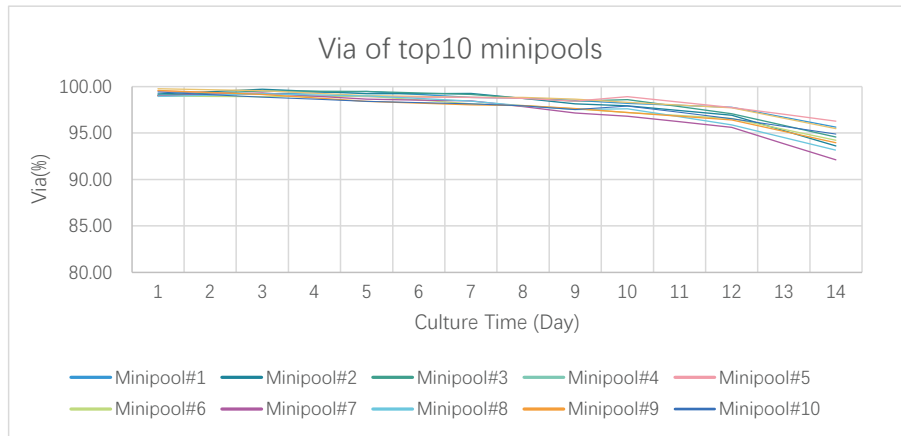
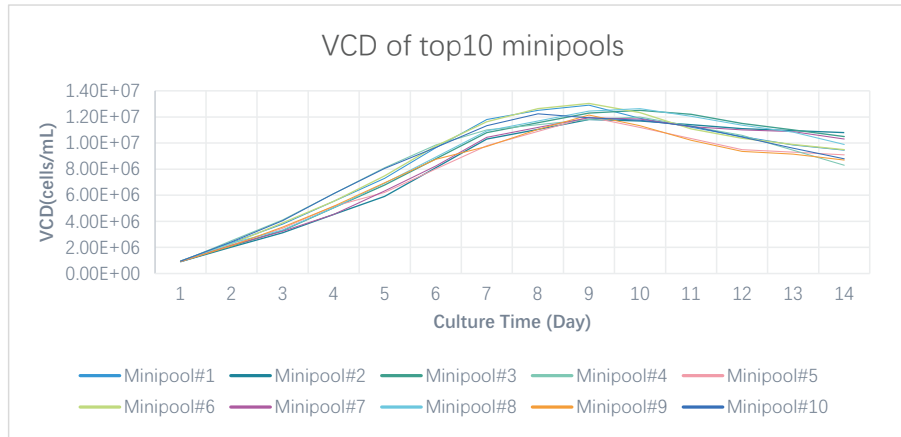
The stability test of TOP 10 clones showed that the titer of PDL cells fluctuated within 30%. TOP 10 clones is relatively stable and can be used for 200 L or 2000 L scale-up production.



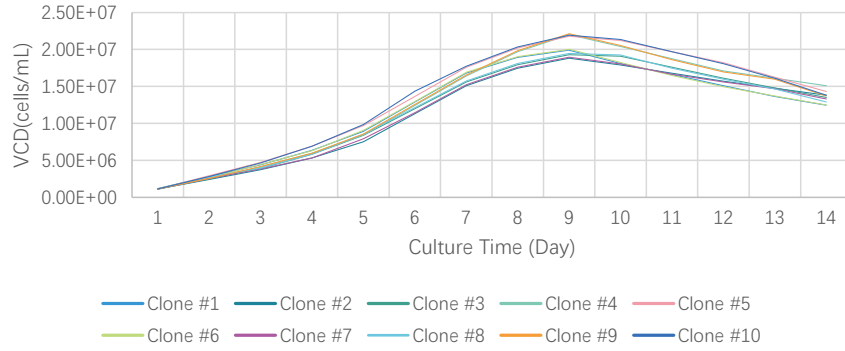
QuaCell® CHO-K1Q cells are used for different project construction, and the titer of IgG is more than 9g/L, fusion protein 4.7g/L, and bispecific antibody 7.2g/L, with rich data, nearly 200+ projects.

Case Study- Bispecific antibody

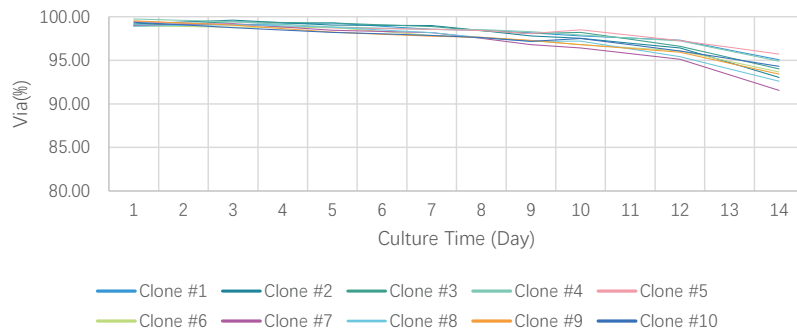
Project Name: Project Beta | Sequence: From customers | Cell: CHO-K1Q
 Type: Bispecific antibodies | Carrier: pKS001 | Objective: Development of bispecific antibody cell lines and screen for high-expression clones



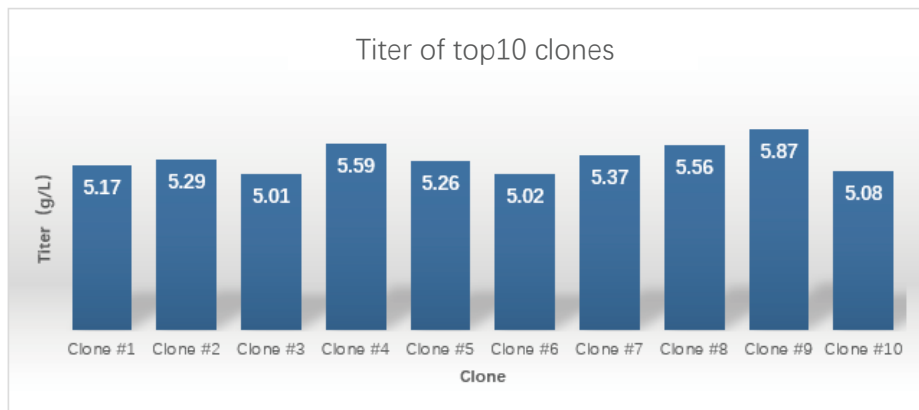
VCD of top10 clones



Via of top10 clones

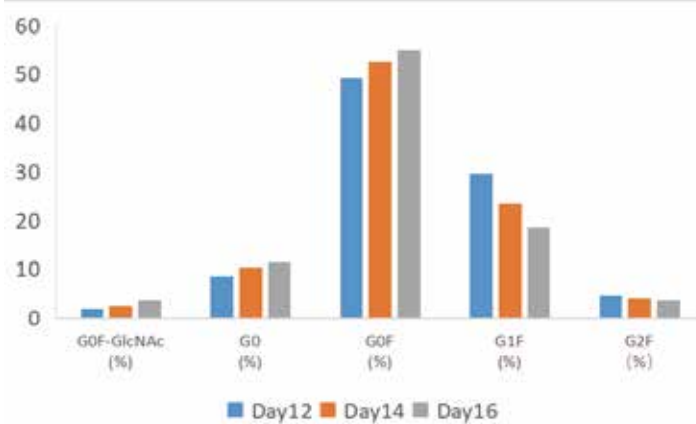
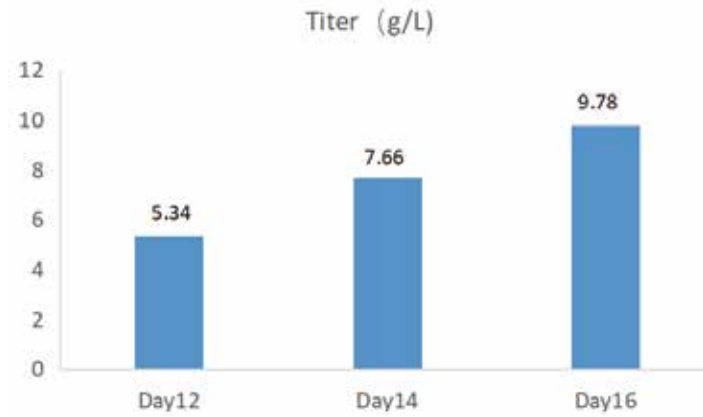


Titer of top10 clones



By comparing the cell pool status, growth curve and viability curve, Minipool No. 4, No. 5 and No. 7 were selected for monoclonal generalization. After a series of expansion and screening, monoclonal Fed-Batch culture was performed, and the expression level of the culture supernatant was detected using Octet RED96e Protein A. The results show that the expression levels of Top 10 clones have reached above 5.0g/L.

Case Study ADC-IgG



Host cells: CHO-K1Q ; Culture medium: CD02+CB7 ; Project Type:ADC; Expression scale:125 Flask; Incubation days:16 Days; Peak VCD: 28.2×10^6 cells/mL

Host cell platform support

Traceability

- Purchase proof
- Customs certificate
- Shipping records

Development

- Experimental records
- Test Report
- Quality System

License

- Original cell license
- Quacell license
- Global commercial application

Support

- Supporting series of products
- Platform technology
- IND & BLA document support

Ordering Information


Production	Cat.No.	Amount	Storage	Application
Quacell® CHO K1Q Cell line	A13101	1.5x10 ⁷ cells/Vial	LN2	Production of protein





WEB

 <http://www.quacell.com/>

 Quacell Biotechnology, Co., Ltd.,

 5F, Building 3, No. 6, Shennong Road,
Torch Development Zone, Zhongshan, China

 info@quacell.com

 400-902-0506