

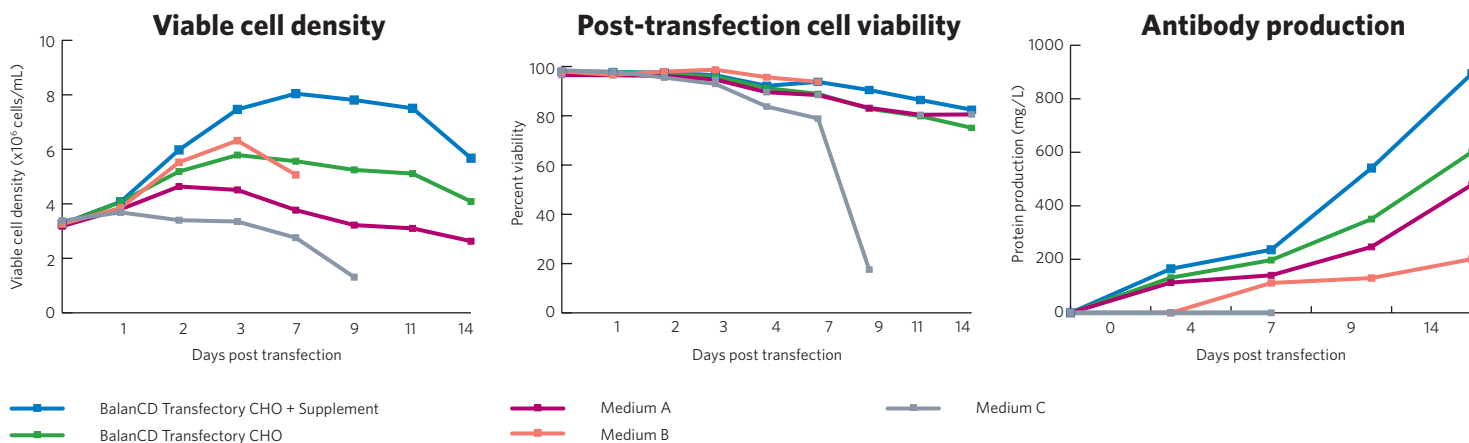
# BalanCD<sup>®</sup> TRANSFACTORY<sup>™</sup> CHO SYSTEM

*Rapid, scalable, high yield protein production*

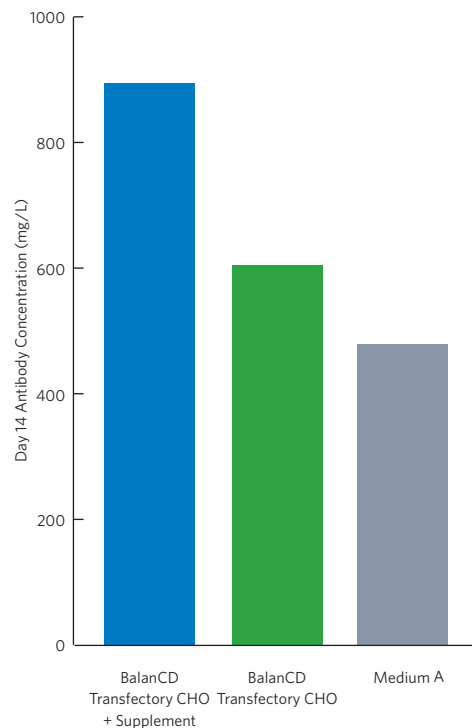
- Choose the protocol that suits your needs
- Improve workflow
- Ensure process consistency

The BalanCD<sup>®</sup> Transfactory<sup>™</sup> CHO system of medium and supplements is a scalable platform that produces milligram to gram-scale yields of recombinant proteins using a simplified, affordable protocol. The system supports small-and large-scale transient transfection in CHO cells enabling scientists to work with CHO cells from early phase discovery through to production.

*Improved productivity and growth compared to other commercially available media*



**Figure 2.** CHO-3E7 Cells were cultured in duplicate 125mL Erlenmeyer flasks with a 30mL working volume. PEI-mediated transfection was performed on day 3 to produce a biosimilar antibody. Transfactory Supplement was added to one of the BalanCD Transfactory CHO test conditions one day after transfection. Cultures in Medium B were terminated on day 7 due to poor transfection. Cultures in Medium C were terminated on day 9 due to poor viability. All data shown are the average of duplicate cultures.



**Figure 1.** The BalanCD Transfactory CHO system supports sustained, balanced growth resulting in high protein yields.



## Choose the protocol that suits your needs

### Minimize risk of adventitious agents

The chemically-defined, animal component-free medium produces protein levels equivalent to, or better than, commercially available media containing hydrolysates.

### Maximize protein yield

When the priority is protein yield, add Transfactory™ Supplement, a concentrated hydrolysate supplement that increases cell growth and protein expression level while maintaining viability and efficiency.

## Improve workflow

- Avoid switching from HEK293 to CHO cells during development phases
- Rapidly achieve high protein yields to save time and development costs compared to conventional stable cell line development
- Eliminate the need to exchange medium before or after transfection using the simplified, scalable protocol
- Compatible with most commercially available and affordable transfection reagents such as polyethylenimine (PEI)

## Ensure process consistency

The formulation of BalanCD Transfactory CHO is based on the BalanCD CHO platform of growth media and feeds to provide process consistency through all phases of development, and at all production scales.

## Ordering information

PRODUCT	CATALOG #	SIZE*
BalanCD Transfactory CHO liquid	91147	1L liquid
BalanCD Transfactory CHO powder	94129	10L dry powder
Transfactory Supplement	91148	500mL
Anti-Clumping Supplement	91150	50mL

\*Custom sizes and packaging available on request

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