



Irvine**Scientific**[®]

BalanCD[®] Transfactory[™] CHO



Irvine**Scientific**[®]

2511 Daimler Street, Santa Ana, California 92705-5588 USA

Telephone: 1 949 261 7800 • 1 800 437 5706

Fax: 1 949 261 6522 • www.irvinesci.com

PN 41060 Rev. 0

BalanCD[®] Transfectory[™] CHO

BalanCD[®] Transfectory[™] CHO

Catalog # 94129, 91147

PRODUCT DESCRIPTION

BalanCD Transfectory CHO is a chemically defined, animal derived component free medium optimized for small- and large-scale transient transfection and protein production in CHO cells grown in suspension. The medium contains no hydrolysates or any other undefined components. This medium is supplied ready to use for suspension culture applications.

BalanCD Transfectory CHO is formulated without L-Glutamine, antibiotics, or antimycotics.

INTENDED USE

For research or further manufacturing use only.

QUALITY ASSURANCE

All quality control test results are reported on a lot specific Certificate of Analysis which is available upon request.

SHIPPING

This product is shipped at 2-8°C. Upon receipt, store immediately at 2-8°C and protect from light.

STORAGE INSTRUCTIONS AND PRECAUTIONS

Liquid Medium

Handle using aseptic techniques to avoid contamination. Store at 2-8°C away from light. Do not use after the assigned expiration date. Do not use any bottle of medium that shows evidence of particulate matter or cloudiness.

Powder Medium

Store at 2-8°C protected from atmospheric moisture. This product is very hygroscopic. Bring it to room temperature before opening and make sure to re-seal tightly after opening. The powder should be free flowing; do not use if it is caked. Do not use after the assigned expiration date.

MEDIA PREPARATION

Reconstitution from powder medium

1. Measure 1000 mL/L WFI (Irvine Scientific Catalog # 9309 or equivalent) into appropriate sized container.
2. Add 23.41 g/L of BalanCD Transfectory CHO powder (Catalog # 94129) to water. Mix for approximately 10 minutes. Solution will be slightly cloudy.
3. Add 2.20 g/L Sodium Bicarbonate to solution. Stir for an additional 5-10 minutes or until solution is clear.
4. Measure pH (expected range 7.0-7.4) and osmolality (expected range 280-310mOsm/kg).
5. Sterile filter through a 0.2 µm filter.
6. Store at 2-8°C for up to 1 year (protect from light).
Note: Do not use if solution has precipitated or changed color.
7. Supplement with 20 mL/L of 200 mM L-Glutamine (Irvine Scientific Catalog # 9317) to reach 4 mM final concentration prior to use.

For detailed culturing information
refer to product manual
on the Irvine Scientific website at
www.irvinesci.com