

EfficientFeed + Supplements

Leading the way in fed-batch cell culture

Don't compromise on working volume and feeding space in your bioreactor

The power to overcome traditional solubility limitations impacting total bioreactor working volume is now available. With Gibco™ EfficientFeed™ + Supplements, you can deliver superconcentrated nutrients in a complete, easy-to-prepare dry-format feed. Maximize without compromise.

Superior performance

- Achieve 2- to 5-fold increases over batch culture, with a means to reach higher titers using superconcentration flexibility (Figure 1)
- Formulated in Gibco™ Advanced Granulation Technology™ (AGT™) dry format for simple, rapid preparation that is designed to reduce risk

Reconstitution flexibility

- Ability to superconcentrate to up to 200 g/L at neutral pH, without pH adjustment, and reconstitute by just adding water (Figure 2)

Risk reduction

- Room-temperature storage of reconstituted liquid during a run means fewer closed-system connections
- Single-part product means fewer steps in reconstitution

Bioreactor output optimization

- Reduce product dilution
- Maximize working volume
- Increase feeding of nutrients for increased titer

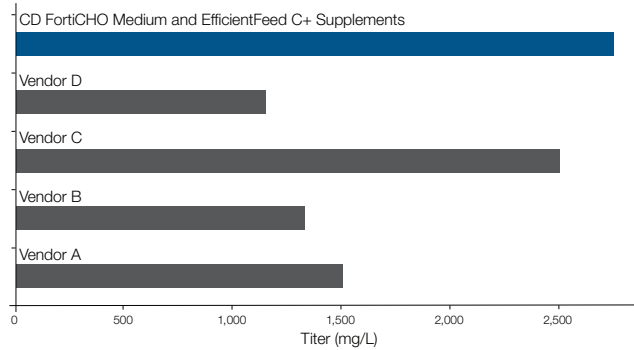


Figure 1. EfficientFeed + Supplements work better than the original versions. A customer completed a head-to-head comparison in fed-batch culture of a DG44 cell line expressing IgG, and demonstrated superior titers over approximately 20 days (peak titers at 80% harvest viability). In that comparison, EfficientFeed + Supplements demonstrated performance up to 139% better than those from other suppliers.

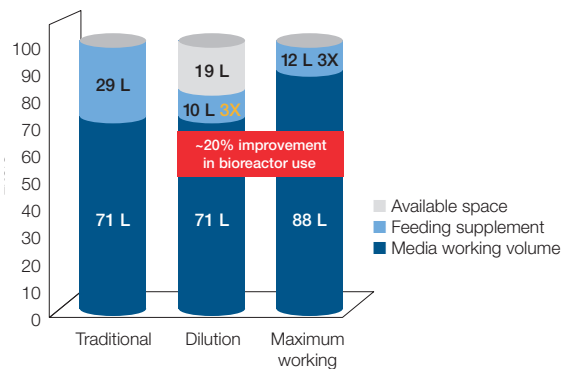


Figure 2. EfficientFeed + Supplements enable you to deliver up to 200 g/L of needed nutrients in a complete, superconcentrated, and pH-neutral feed.



Consider Gibco™ EfficientFeed™ A+ AGT™ Supplement when:

- You have used Gibco™ CHO CD EfficientFeed™ A supplement in the past and wish to explore simpler reconstitution and superconcentration benefits of new technology for delivery of key components
- You are currently using Gibco™ CD OptiCHO™ medium as your base cell growth medium

Consider Gibco™ EfficientFeed™ B+ AGT™ Supplement when:

- You have used Gibco™ CHO CD EfficientFeed™ B supplement in the past and wish to explore simpler reconstitution and superconcentration benefits of new technology for delivery of key components
- You are currently using Gibco™ CD CHO medium as your base cell growth medium

Consider Gibco™ EfficientFeed™ C+ AGT™ Supplement when:

- You have used Gibco™ CD EfficientFeed™ C supplement in the past and wish to explore simpler reconstitution and superconcentration benefits of new technology for delivery of key components
- You want higher productivity in GS-CHO, CHO-K1, and Gibco™ CHO-S™ cell lines
- You are currently using Gibco™ CD FortiCHO™ medium as your base cell growth medium
- You are using a base medium with greater than 6 g/L glucose or a hydrolysate at day 0

Ordering information

Product	Size	Cat. No.
EfficientFeed A+ AGT Supplement	1 L	A2502304
	10 L	A2502305
	100 L	A2502301
EfficientFeed B+ AGT Supplement	1 L	A2503004
	10 L	A2503005
	100 L	A2503001
EfficientFeed C+ AGT Supplement	1 L	A2503104
	10 L	A2503105
	100 L	A2503101
Gibco™ Feed Kit A+, B+, C+	3 L	A3315801



Find out more at thermofisher.com/efficientfeedplus

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