


EfficientFeed™ A+ 3X Supplement

Catalog Numbers A3937401, A3937402

Pub. No. MAN0018598 Rev. 1.0

 **WARNING!** Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from [thermofisher.com/support](https://www.thermofisher.com/support).

Product description

Gibco™ EfficientFeed™ A+ 3X Supplement is a single-part product for use in fed batch culture of multiple cell lines. EfficientFeed™ A+ 3X Supplement is an animal-origin free, chemically defined formulation that contains no proteins, hydrolysates, or components of unknown composition. The product provides a pH neutral solution that has been concentrated, and as a result, key nutrients can be delivered in smaller volumes.

Contents and storage

Contents	Cat. No.	Amount	Storage	Shelf life
EfficientFeed™ A+ 3X Supplement	A3937401	1 × 1000 mL	2°C to 8°C; Store dark and dry.	12 months
	A3937402	1 × 10 L		

Procedural guidelines

- EfficientFeed™ A+ 3X Supplement can be added as multiple discrete additions every 1–3 days or as a continuous feed.
- Total feed volume can range from 3–15% (3X) of the original culture volume depending on the cell line and process.
- For best results, it is recommended to initiate feeding only after reaching mid to late exponential phase.

Feeding examples

EfficientFeed™ A+ 3X Supplement feeding strategies:






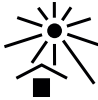



Conc.	Culture days										
	0	1	2	3	4	5	6	7	8	9	10
3X	—	—	—	—	3.3%	—	3.3%	—	3.3%	—	3.3%

Related products

Unless otherwise indicated, all materials are available through thermofisher.com.

Product	Catalog No.
CD OptiCHO™ Medium (1X)	12681011
CD CHO Medium (1X)	10743001
Dynamis™ AGT™ Medium	A2617501
EfficientFeed™ A+ AGT™ Supplement	A2502305
EfficientFeed™ B+ AGT™ Supplement	A2503005
EfficientFeed™ C+ AGT™ Supplement	A2502305
GlycanTune™ A+ Total Feed	A2971905
GlycanTune™ B+ Total Feed	A2972005
GlycanTune™ C+ Total Feed	A2972105

Explanation of symbols

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		Keep away from light
	Sterilized using aseptic processing techniques		Consult instructions for use		Caution, consult accompanying documents

Limited product warranty

Life Technologies Corporation and/or its affiliate(s) warrant their products as set forth in the Life Technologies' General Terms and Conditions of Sale at www.thermofisher.com/us/en/home/global/terms-and-conditions.html. If you have any questions, please contact Life Technologies at www.thermofisher.com/support.



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For descriptions of symbols on product labels or product documents, go to thermofisher.com/symbols-definition.

The information in this guide is subject to change without notice.

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