

# CHO CD EfficientFeed™ A AGT™ Kit

## Description

CHO CD EfficientFeed™ A AGT™ Kit is a two part kit consisting of CHO CD EfficientFeed™ A AGT™ (Part 1 of 2), a neutral pH AGT™ single component, and CHO CD EfficientFeed™ A AGT™ (Part 2 of 2), a concentrated liquid supplement. CHO CD EfficientFeed™ A AGT™ supplement is an animal origin-free, chemically defined formulation that contains no proteins, hydrolysates, or components of unknown composition.

Product	Catalog No.	Amount	Storage	Shelf life*
CHO CD EfficientFeed™ A AGT™ Kit** Contains:†	A14420-01	1 Kit	2°C to 8°C; Store Dark and Dry.	24 months
CHO CD EfficientFeed™ A AGT™ –Part 1 of 2	A14419-01	1 × 10 L		
CHO CD EfficientFeed™ A AGT™ –Part 2 of 2	A14418-01	1 × 10 mL		
CHO CD EfficientFeed™ A AGT™ Kit** Contains:†	A14420-02	1 Kit	2°C to 8°C; Store Dark and Dry.	24 months
CHO CD EfficientFeed™ A AGT™ –Part 1 of 2	A14419-02	1 × 100 L		
CHO CD EfficientFeed™ A AGT™ –Part 2 of 2	A14418-02	1 × 100 mL		

\* Shelf life duration is determined from Date of Manufacture.

\*\* AGT™ = Advanced Granulation Technology™.

† Components are not sold separately.

## Product use

Caution: For manufacturing, processing, or repacking.

## Safety information

Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

## Prepare medium

### Reconstitute CHO CD EfficientFeed™ A AGT™ Medium

1. Measure room temperature (15°C to 30°C) deionized or distilled water to 80% of final volume into an appropriately sized clean vessel.
2. Add CHO CD EfficientFeed™ A AGT™ Part 1 at 65.10 g/L. Mix for a minimum of 30 minutes after the powder is submerged in water. Solution will be cloudy and pH should be ≈neutral.
3. Slowly reduce pH to 6.10 with 5N Hydrochloric acid. Mix for 15–30 minutes until solution is clear
4. Slowly adjust to pH 7.00–7.20 with 5N Sodium Hydroxide.
5. Add 1 mL/L CHO CD EfficientFeed™ A AGT™ Part 2.
6. Add room temperature deionized or distilled water to final volume. Mix for 10 minutes.
7. Sterilize by membrane filtration.

**Note:** Once product is filter-sterilized, use immediately or dispense product into single use aliquots prior to storage. Store product at 2°C to 8°C; (protected from light) up to 8 months.

## Use











CHO CD EfficientFeed™ A AGT™ can be added as multiple discrete additions every 1–3 days or as a continuous feed. Total feed volume can range from 10–40% of the original culture volume depending on the cell line and process. For best results, we recommend initiating feeding only after reaching mid to late exponential phase.

## Related products

Product	Catalog No.
Water, Distilled	15230
Water for Injection (WFI) for Cell Culture,	A12873
CD FortiCHO™ Medium	A11483
CD OptiCHO™ Medium	12681
CD CHO Medium	10743
CHO CD EfficientFeed™ B AGT™	A12456
CHO CD EfficientFeed™ B Liquid Nutrient Supplement	A10240
CD EfficientFeed™ C AGT™	A13275
Trypan Blue Stain	15250
Countess™ II Automated Cell Counter	AMQAX1000

## Explanation of symbols and warnings

The symbols present on the product label are explained below:

			
Temperature Limitation	Manufacturer	Batch code	Use By:
			
Caution, consult accompanying documents	Consult instructions for use	Sterilized using aseptic processing techniques	
			
Read Safety Data Sheet	Catalog number	Keep away from light	

## 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 found on Life Technologies' website at [www.thermofisher.com/us/en/home/global/terms-and-conditions.html](http://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](http://www.thermofisher.com/support).

## Limited Use Label License No. 517: Internal Research and Bioproduction Use

Notice to Purchaser: The purchase of this product conveys to the purchaser the limited, non-transferable right to use the purchased amount of the product to (a) perform internal research for the sole benefit of the purchaser; (b) manufacture protein (or other biological material) for resale; and (c) perform research or manufacturing services conducted by the purchaser on a fee for service or contract basis for or on behalf of third parties. However, the purchaser may transfer this product, its components, or materials made using this product to a third party (including contract research/manufacturing organizations), provided that each such third party agrees in writing to use such product, components, or materials solely on behalf of the purchaser, and such third party is restricted from further transferring any such product, components, or materials to any individual or entity other than the purchaser. No additional rights are granted. By purchasing this product, the purchaser agrees not to: (1) resell the product in any form; (2) use the product as a therapeutic agent or diagnostics test component; (3) reverse engineer the product or cause the product to be reverse engineered; or (4) use the product for purposes other than what is indicated in this Limited Use Label License. Life Technologies is not aware of Intellectual Property ("IP") that would be infringed by the manufacture or sale of its products. Customers are urged to perform an IP search and analysis specific to their manufacturing processes and target biologic products. Should that analysis require information about Life Technologies products, Life Technologies will provide to the customer's IP counsel the information necessary to analyze any relevant IP in a manner that protects Life Technologies proprietary information. The purchaser is responsible for obtaining all regulatory approvals necessary for any therapeutic or diagnostic use of the protein (or biological material) manufactured using this product. For information on obtaining additional rights, please contact [outlicensing@lifetech.com](mailto:outlicensing@lifetech.com) or Out Licensing, Life Technologies, 5791 Van Allen Way, Carlsbad, California 92008.

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