



# CHO|ONE FlexKit

## MEDIA & FEEDS

*DISCOVER THE FLEXIBILITY  
YOUR CLONE NEEDS*



# CHO|ONE MEDIA FlexKit

## Three Media. One Workflow.

The CHO|ONE Media FlexKit provides three optimized formulations—CHO|ONE B, CHO|ONE L and CHO|ONE X—allowing you to screen different nutrient compositions in parallel for your specific production process in batch- and fed-batch systems. A single standard medium rarely delivers optimal performance across all applications — Identify the medium for your specific CHO clone and process requirements. Optimized for CHO DG44 cells but also accessible for other cell lines.

### CHO|ONE MEDIA FlexKit - NUTRIENT LEVEL OVERVIEW



Amino Acids      Vitamins      Trace Metals      Glucose



#### CHO|ONE B

A basal, well-rounded medium representing the basic CHO|ONE formulation. Provides robust growth and productivity profiles for most CHO clones.



Amino Acids      Vitamins      Trace Metals      Glucose



#### CHO|ONE L

A light nutrient formulation with reduced amino acid and glucose levels. Ideal for identifying minimal requirements, reducing metabolic stress, or screening nutrient sensitivities.



Amino Acids      Vitamins      Trace Metals      Glucose



#### CHO|ONE X

A high-nutrient medium with elevated levels of amino acids and glucose. Designed for high-demand cultures, intensified processes, or clones with increased metabolic activity.



Low Level



Medium Level



High Level

# CHO|ONE FlexKit

*The Workflow That Moves You Forward*

## FROM SCREENING TO PRECISION MEDIA — ALL IN ONE WORKFLOW

At Capricorn Scientific, we understand the complexity of media testing for CHO cells in upstream process development. Beyond providing the modular CHO|ONE Media and Feed FlexKits, we place strong emphasis on expert consulting throughout the entire process.

Our specialists support you at every stage of media screening and feed strategy development, offering scientific guidance, data-driven recommendations, and optimization expertise. This close collaboration ensures robust decision-making and helps achieve optimal performance, reproducibility, and process reliability tailored to your specific CHO clone.

CHO EXPERT CONSULTING SERVICE

STEP 1

### Media Screening with the CHO|ONE Media FlexKit

Evaluate all CHO|ONE media formulations in parallel to assess baseline performance of your CHO clone and identify the best-suited expression medium.

STEP 2

### Feed Strategy Screening with the CHO|ONE Feed FlexKit

Screen different feeds of the CHO|ONE Feed FlexKit with your selected CHO|ONE expression medium to define your tailored fed-batch strategy.

STEP 3

### Custom Media and Feed Development

Based on previous result, further customized CHO|ONE formulations can be developed to precisely match your CHO clone's metabolic and production requirements.

At any stage during media screening or feed strategy development you may engage our support to optimize performance, robustness, and reproducibility.



# CHO|ONE FEED FlexKit

*Extend Your Fed-Batch Performance.*

The CHO|ONE Feed FlexKit provides a set of feeding solutions that can be universally combined with all CHO|ONE Media formulations. A unified platform to complete CHO process optimization — from basal media to feeding strategy.

The CHO|ONE Feed FlexKit includes multiple variants of CHO|ONE Feed 1, designed to address different cellular and process requirements and one CHO|ONE Feed 2:

## **Feed 1A**

### **Basal formulation**

A robust all-rounder suitable for a wide range of CHO clones and fed-batch processes.

## **Feed 1B**

### **Modified salt composition**

Optimized salt concentrations help control osmolality and metabolite accumulation.

## **Feed 1C**

### **Light formulation**

Reduced nutrient load for nutrient-sensitive CHO clones.

## **Feed 2**

### **One standardized version**

Offer an additional boost of metabolic support.



# CHO|ONE FlexKit

## ENGINEERED FOR PERFORMANCE AND FLEXIBILITY

The CHO|ONE Media & Feed FlexKits provide optimized formulations allowing you to screen different nutrient compositions in parallel for your specific batch- and fed-batch production process. Identify the optimal Medium & Feeds for your CHO Cell Line and Process.

- » Optimized Performance
- » Tailored Media & Feed Screening
- » CHO Expert Support

### ORDER INFORMATION

PRODUCT	VOL.	CAT.NO.
<b>CHO ONE Media FlexKit</b> Composition of different variants of CHO ONE Expression Media 1x CHO ONE B (CHOB-500ML) 1x CHO ONE L (CHOL-500ML) 1x CHO ONE X (CHOX-500ML)	Kit	CHOM-K1
<b>CHO ONE Feed FlexKit</b> Composition of different variants of CHO ONE Feeding Supplements 1x CHO ONE Feed 1A (CHOF1A-250ML) 1x CHO ONE Feed 1B (CHOF1B-250ML) 1x CHO ONE Feed 1C (CHOF1C-250ML) 1x CHO ONE Feed 2 (CHOF2-75ML)	Kit	CHOF-K1



your next discovery  
is just a scan away!

For further support, feel free to contact our experts at [techservice@capricorn-scientific.com](mailto:techservice@capricorn-scientific.com) or phone (+49 6424 944 64 0).

Note: Liquid test kits are intended for small-scale volume. All kit components will additionally be offered in powder form for large-scale.

## THE RIGHT CHOICE FOR YOUR CELLS



Fast and Efficient  
Order Processing



Customer-Oriented  
Product Flexibility



Your Partner in  
Cell Culture



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