

## Product Information

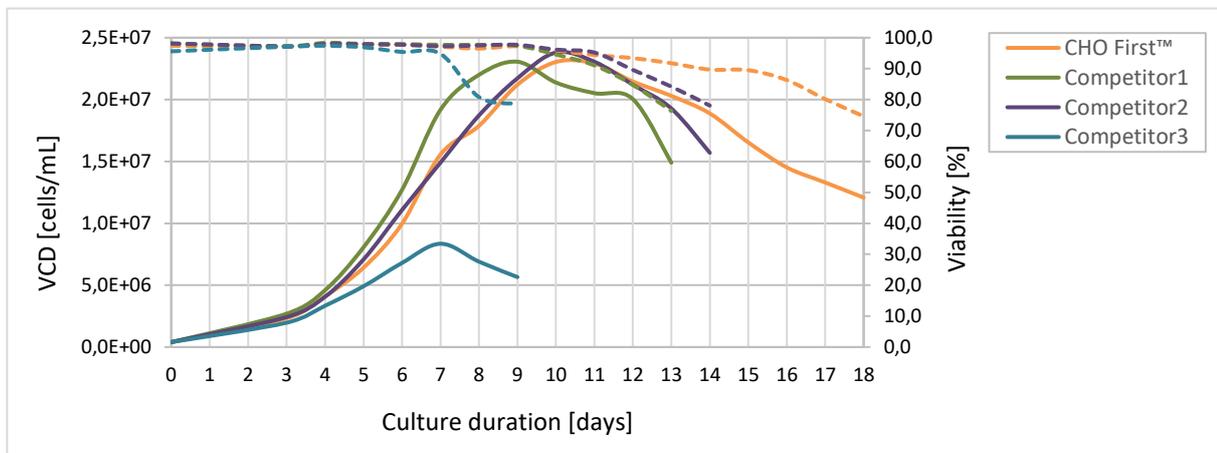
CHO CHO FIRST Media System™  
Cat. No.: Starter Kit (LTCHO start); Expansion Kit  
(LTCHO start 2)

The CHO First™ consists of two media and two feed supplements that are built out of the same basis of raw materials. All parts of the system are animal component free and do not contain any hydrolysates. Thus, the CHO First™ is fully chemically defined.

- CHO First A for selective adaption – not rich in nutrients but balanced to adapt efficiently
- CHO First E for production – non selective and rich in nutrients for an efficient production
- CHO First Feed 1 & CHO First Feed 2 supplements – rich in nutrients for an balanced predetermined feeding strategy

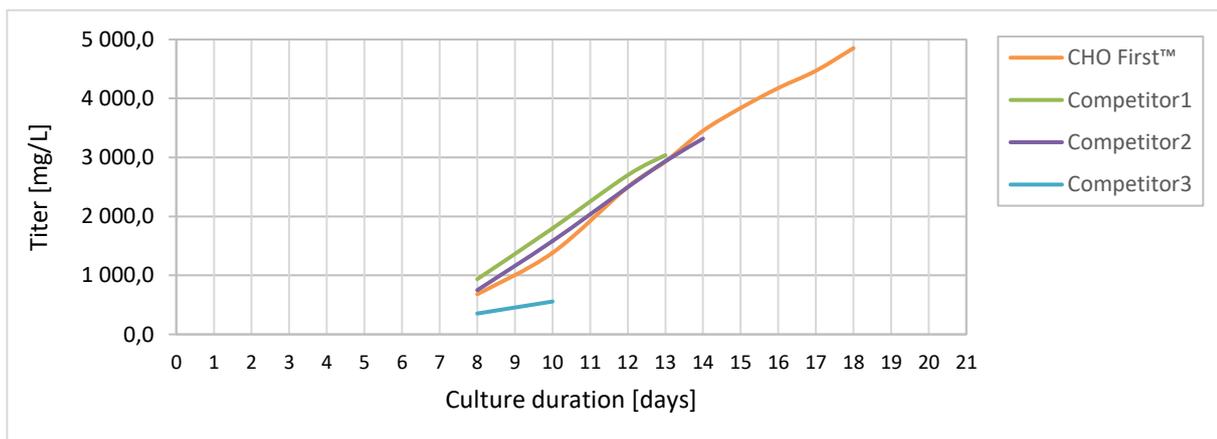
This innovative combination allows an easy installation, easy feeding & easy scale-up process for achieving the best results.

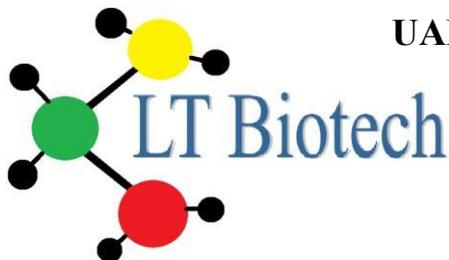
### Best viability with CHO First™



The media and supplements of the CHO First™ contain nutrients that recombinant CHO cells need for good growth and a higher yield of recombinant proteins with high potency. Fed-batch process was stopped when viability dropped below 80%.

### Highest production yield with CHO First™





## UAB "LT Biotech"

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The excellent performance is based on the unique Media System with balanced media and supplements. Thus, it is possible to scale-up the production process without any adaptation. Due to the extreme healthy conditions the highest production yield can be reached.

### CHO First™ Components

Product	Volume	Cat. No.
CHO First™, Starter Kit		LTCHO start
CHO First™, Expansion Kit		LTCHO start 2
CHO First A	500 ml	LTCHOF/A500
CHO First E	500 ml / 1000 ml	LTCHOF/E500 / CLTCHOF/E1000
CHO First Feed 1	100 ml / 500 ml	LTCHOF/F1.100/ LTCHOF/F1.500
CHO First Feed 2	10 ml / 50 ml	CLTCHOF/F2.10 / CLTCHOF/F2.50

### Test Kit Composition

Liquid Kit Component	Starter Kit	Expansion Kit
CHO First A	1 x 500 ml	-
CHO First E	1 x 500 ml	5 x 1000 ml
CHO First Feed 1	2 x 100 ml	5 x 500 ml
CHO First Feed 2	2 x 10 ml	5 x 50 ml

### Related Products

Product	Volume	Cat. No.
L-Glutamine (200 mM)	100 ml	LTGA02
Recombinant Insulin (5 mg/ml)	5 ml	HRINS5ML
Glucose (250 g/l)	50 ml	GLUS50ML