Lonza

Pharma & Biotech

PowerCHO® Protein Expression Media

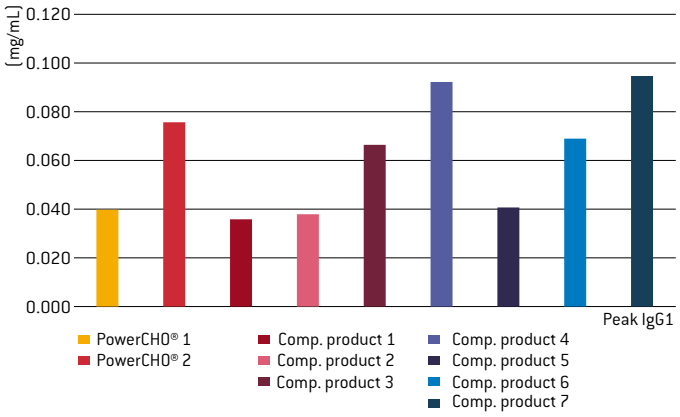
Boost your cell production to new heights

PowerCHO® 1, PowerCHO® 2, Chemically Defined, Serum-free CHO Media are the next generation in CHO media, optimized for cell growth and protein production. The PowerCHO® Series are chemically defined, hydrolysate-free, serum-free and non-animal origin media for supporting high density CHO cells in suspension. For therapeutic bioprocessing applications, these protein-free formulations also facilitate both downstream purification and regulatory compliance.

BioWhittaker® PowerCHO® Media:

- Maximal culture performance through balanced formulation
- Maintain high viability (>90%) at high cell densities
- Confidence in lot-to-lot performance with chemically defined, serum-free media
- Easily scaleable to support high density, large-scale production volumes
- Produced in an ISO 13845 facility according to GMP for research and for further manufacturing applications

PowerCHO® and ProCHO® IgG Production



PowerCHO® Protein Expression Media

PowerCHO® Media

Catalog # US	Catalog # EU	Description	Size	Format
BP12-770Q	BP12-770Q	PowerCHO® 1 CD, Serum-free CHO Medium with HEPES and Pluronic®, w/o L-Gln, PR, hypoxanthine and thymidine	1 L	Liquid
BELN12-771Q	BELN12-771Q	PowerCHO® 2 CD, Serum-free CHO Medium with HEPES and Pluronic®, w/o L-Gln, PR, hypoxanthine and thymidine	1 L	Liquid
BEBP12-771P10	BEBP12-771P10	PowerCHO® 2 CD, w/o L-Gln and PR	10 L	Liquid
BEBP12-771P20	BEBP12-771P20	PowerCHO® 2 CD, w/o L-Gln and PR	20 L	Liquid
15-770F	15-770F	PowerCHO® 1 Powder Kit , CD, Serum-free CHO Medium with HEPES and Pluronic®, w/o L-Gln, PR, hypoxanthine and thymidine. Consists of basal powder, insulin and lipids	50 L	Powder
15-771ND	BE15-771ND	PowerCHO® 2 Powder Kit, CD, Serum-free CHO Medium with HEPES and Pluronic®, w/o L-Gln, PR, hypoxanthine and thymidine. Consists of basal powder, insulin, ferric citrate and PEG	10 L	Powder
15-771NF	BE15-771NF	PowerCHO® 2	50 L	Powder
15-771NJ	BE15-771NJ	PowerCHO® 2	100 L	Powder

PowerCHO® Media outperforms the competition

Our years of extensive experience in providing serum-free CHO media to research and industrial customers provides the basis for making great media even better. PowerCHO® 1, PowerCHO® 2, and CD Media are truly the next generation in CHO serum-free formulations. Completely chemically defined and serum-free, these three media outperform the competition with multiple cell lines.

PowerCHO® Media deliver many unique benefits including consistent results, simplified downstream purification, and maximized yield.

Whether or not you choose serum-free media for the convenience and consistency in your research applications, or if your work leads to downstream therapeutic or biopharmaceutical applications, PowerCHO® Media offer the best choice for initiating your studies.

Feeds

Catalog # US	Catalog # EU	Description	Size	Format
BE02-044Q	BE02-044Q	PowerFeed® A, 1 L	1 L	Liquid
BE02-056Q	BE02-056Q	CHO Xtreme™ Feed CD	1 L	Liquid
15-044D	BE15-044D	PowerFeed® A 10 L, consists of basal powder and ferric citrate	10 L	Powder
15-044F	BE15-044F	PowerFeed® A 50 L	50 L	Powder
15-044J	BE15-044J	PowerFeed® A 100 L	100 L	Powder
15-044D		PowerFeed® A 200 L	200 L	Powder
15-044L		PowerFeed® A 500 L	500 L	Powder
VPW-098D	VPW-098D	CHO Xtreme™ Feed 10 L	10 L	Powder
VPW-098Q	VPW-098Q	CHO Xtreme™ Feed 200 L	200 L	Powder

Companion products

Catalog # US	Catalog # EU	Description	Size	Format
BEBP17-605E	BEBP17-605E	L-glutamine (200 mM)	100 mL	Liquid
BEBP12-769E	BEBP12-769E	ProFreeze™ CD, Non-Animal Origin, CD Freeze Medium (2X)	100 mL	Liquid

*ProFreeze™ NAO Freezing Medium is formulated for cryopreserving all cell types propagated in serum

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