

2024 PRODUCT LIST



OVERVIEW

Products for Cell Culture



S. 8-11
Sera



S. 12-17
Media



S. 18-21
Reagents



S. 22-23
Buffered Salt
Solutions



S. 24-25
Diagnostics

S. 26-27

Product Warranty | Terms of Payment | Ordering Process | Closing Words



»» **2016** FOUNDING Capricorn Scientific was founded in 2016 as a German manufacturer of cell culture media, sera, and reagents.

»» **2017** BEGINNING OF QMS IMPLEMENTATION Implementation of a quality management system to continuously improve the quality and service of our cell culture products.

»» **2018** ISO CERTIFICATION With the ISO 9001 certification, Capricorn Scientific received confirmation of the highest quality standards and outstanding service.

»» **2021** NEW FACILITY Investment in brand-new state-of-the-art pharmaceutical production facility: 1,350 m² of new production area and QA laboratories are operated reliably by our team of highly experienced experts.

Your Partner in Cell Culture

Our slogan embodies our vision: We want to be the partner you can rely on – together, we will tackle your projects. Our team consists of qualified and experienced scientists with a background in cell biology. We know what is important in cell culture. That's why we develop products that are perfectly tailored to your needs.

Capricorn Scientific is a globally operating German biotechnology company that produces media, reagents, buffers, and sera for cell culture.

Our customers rely on the quality of our products and the personal SERVICE that we can offer as a mid-sized company.

70+ *Distribution Partners*

200+ *Products in Portfolio*

 *Worldwide Availability*



MODERN *Production*

Our new, automated production plant enables production capacities of up to 2,000 L. Filtration and filling are carried out under the highest quality standards in controlled clean rooms.



In the Very Heart of Germany

Our 1,350 m² state-of-the-art production facility, newly built in 2022, features 350 m² of clean room area and is characterized by the spatial separation of products with animal components and animal-free products.

While only animal-free products are manufactured in the lower part of the building, cell culture products containing animal components are manufactured in the upper production area. This eliminates the risk of cross-contamination for our chemically defined products.

- 1 ✓ 1,350 m² Production Area
- 2 ✓ 350 m² Controlled Clean Rooms
- 3 ✓ Spatial Separation (animal/animal-free)

Our fully automated production plant for liquid media is designed for large-scale capacities of up to 2,000 liters.

In addition, we are now also producing powder on a large scale in our new production facility. Our powder media are manufactured using state-of-the-art milling and blending equipment to produce flawless powder products.



ENJOY THE TOUR

Watch the construction video of our new facility! In this short film, CEO & founder Harry Brack will introduce you to our company.

www.capricorn-scientific.com



Logistics at Capricorn: Rapid Delivery, Every Time!

Thanks to a powerful network of distributors and extensive knowledge of regulatory affairs, our products are supplied to many different countries.

The safe and fast delivery of cell culture products can only be achieved with an extensive knowledge of product quality, stability, and delivery conditions. Thanks to our international network, we are able to guarantee controlled and conflict-free transportation for our customers.

For accurate traceability, we also offer transportation options with temperature-measuring data loggers & tracking.



MYSTOCK Call-Offs at Your Convenience

MyStock is Capricorn's exclusive service that allows you to save limited space in your freezer!

Simply order your samples and let us know how long you will need to finish your testing. The product will be reserved for you, and once you are satisfied with the results, you sign the purchase agreement.

Your product will have its own dedicated storage space in our -20 °C warehouse and will be waiting for your call-offs - whenever you need it!

GET IN TOUCH WITH US:

www.capricorn-scientific.com/mystock

PACKAGING

LET'S PLAY IT SAFE!

Quality and service are our top priorities at Capricorn Scientific. This also includes ensuring our high-quality products are shipped to you safely. We pack our products in robust outer packaging made of reinforced cardboard to maintain the impeccable condition of our products – even on longer shipping routes.

Our frozen products are shipped in insulated polystyrene boxes with sufficient cooling agents to protect the components and maintain quality. The practical inlays prevent direct contact between the

product and coolant, ensuring clean transportation and uniform cooling of the product.

All our products are filled into high-quality, durable medical-grade polymer containers to ensure the highest purity and protection of the products. Powder products are shipped in securely sealed containers to protect the valuable contents from moisture.

NEW: OUR FBS MINIS

Our FBS Minis are a game-changing service, carefully crafted by our team of experts to improve the daily routines of cell culture. Our service empowers you to focus on what truly matters: your research.

The FBS Minis have an exceptional service aspect! They follow the concept of saving the work in your lab that is often perceived as cumbersome and time-consuming: aliquoting FBS.

WHICH SERUM PRODUCTS BY CAPRICORN SCIENTIFIC CAN I PURCHASE AS FBS MINIS?

At Capricorn Scientific, we are proud to offer FBS Minis for all our serum products. Regardless of the specific product and unit size you have purchased from us previously, we are here to meet your needs – providing your serum of choice as FBS Minis.



STILL THIRSTY FOR KNOWLEDGE?

Learn More in the Knowledge Center!

www.capricorn-scientific.com/aliquoting-fbs



QUALITY

SETTING THE NEW STANDARD

At Capricorn Scientific, quality, reliability, and a secured supply of cell culture products are our top priorities. Our excellent products and our unique customer service support all your projects.

ISO 9001 CERTIFICATE: REQUIREMENTS AS BASIS OF OUR QMS

Our products are manufactured with top-notch quality system regulations under strict clean room conditions, and in accordance with the current requirements of ISO 9001:2015.

We have demonstrated our commitment to providing the highest level of customer satisfaction, continual improvement, and effective risk management. Our quality management system covers all aspects of our operations, from product development and production to delivery and after-sales support.

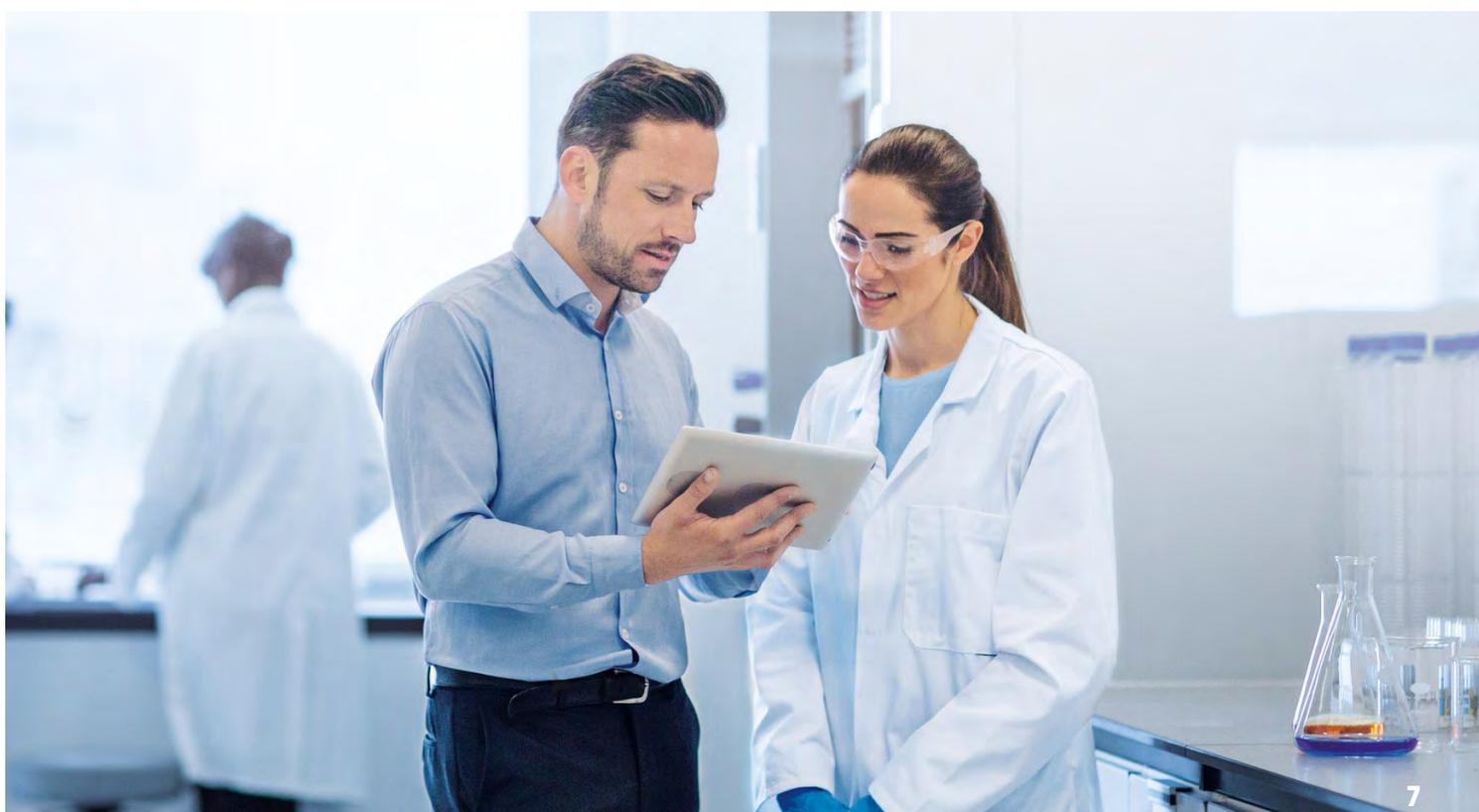
With ISO 9001 certification, our customers can trust that our products and services are consistently of excellent quality and meet their expectations. We regularly review and assess our processes to ensure that we permanently improve our commitment to quality and customer satisfaction.

IVDR CLASSIFICATION: THE IN VITRO DIAGNOSTIC REGULATION

The In Vitro Diagnostic Regulation (IVDR) is a new European Union regulation that aims to enhance the safety and accuracy of In Vitro Diagnostic (IVD) products. This regulation is set to improve the quality of healthcare by ensuring that all IVD medical devices are validated through a rigorous and transparent assessment process.

At Capricorn Scientific, we understand the importance of the IVD regulations and are committed to ensuring that all our IVD products meet these requirements.

Therefore, our team of experts has extensive experience and knowledge in the industry and works closely with the relevant authorities. Consequently, Capricorn Scientific was one of the first manufacturers to be successfully audited and receive permission to produce CE-marked reagents.



SERA



GROWTH BOOST FOR CELLS

To this day, serum is indispensable for many cell culture applications. Capricorn Scientific supplies a wide range of different bovine and other animal sera with various post-treatment options such as heat inactivation, gamma irradiation, and exosome depletion.

In addition to a wide range of different fetal bovine sera, we also offer numerous other bovine sera as a cost-effective alternative to FBS.

For specific applications, we offer various other sera for cell culture as an alternative to bovine sera, e.g., human serum, rabbit serum, mouse serum, goat serum, and many more.

Each batch of our sera is tested for optimal performance in cell culture. We provide the necessary safety, tracking and documentation to ensure serum performance in your cell culture.



GENERAL KNOWLEDGE
ABOUT CELL CULTURE

» www.capricorn-scientific.com/knowledge-center





FETAL BOVINE SERUM (FBS)

Until now, fetal bovine serum is THE supplement for the majority of all cell culture techniques. It provides cells with valuable nutrients, hormones, and trace elements.

Capricorn Scientific offers fetal bovine serum in different variants for maximum performance in your cell culture: Standard FBS, FBS Advanced with reduced batch variations, and FBS Xtra, a defined FBS with reduced serum content.

We also offer different countries of origin. The origin of our raw serum is strictly controlled and closely tracked. In addition to untreated FBS products, we offer various post-treatment options to match your specific needs.



PRODUCT	VOL.	CAT.NO.	❄️
FBS Xtra, Fetal Bovine Serum Collected in South America	500 ml 100 ml	FBS-16A FBS-16B	❄️ ❄️
FBS Xtra, Fetal Bovine Serum Origin USA	500 ml 100 ml	FBS-26A FBS-26B	❄️ ❄️
FBS Xtra, Fetal Bovine Serum Origin Australia	500 ml 100 ml	FBS-56A FBS-56B	❄️ ❄️
Fetal Bovine Serum Advanced Collected in South America	500 ml 100 ml	FBS-11A FBS-11B	❄️ ❄️
Fetal Bovine Serum Collected in South America	500 ml 100 ml	FBS-12A FBS-12B	❄️ ❄️
Fetal Bovine Serum Origin USA	500 ml 100 ml	FBS-22A FBS-22B	❄️ ❄️
Fetal Bovine Serum Bioprocess Origin USA	500 ml 100 ml	FBS-24A FBS-24B	❄️ ❄️
Fetal Bovine Serum , Collected in South America Charcoal Stripped	500 ml 100 ml	FBS-CS-12A FBS-CS-12B	❄️ ❄️
Fetal Bovine Serum , Collected in South America Dialysed	500 ml 100 ml	FBS-DIA-12A FBS-DIA-12B	❄️ ❄️
Fetal Bovine Serum , Collected in South America ES cell pre-tested	500 ml 100 ml	FBS-ES-12A FBS-ES-12B	❄️ ❄️
Fetal Bovine Serum , Collected in South America Exosome Depleted	100 ml 50 ml 20 ml	FBS-ED-12B FBS-ED-12F FBS-ED-12G	❄️ ❄️ ❄️
Fetal Bovine Serum , Collected in South America Low Endotoxin	500 ml 100 ml	FBS-LE-12A FBS-LE-12B	❄️ ❄️
Fetal Bovine Serum , Collected in South America IgG Depleted	500 ml 100 ml	FBS-IG-12A FBS-IG-12B	❄️ ❄️
Fetal Bovine Serum , Collected in South America Tetracycline Negative	500 ml 100 ml	FBS-TET-12A FBS-TET-12B	❄️ ❄️



FETAL BOVINE SERUM (FBS)

PRODUCT	VOL.	CAT.NO.	❄️
Fetal Bovine Serum , Collected in South America Gamma Irradiated	500 ml	FBS-GI-12A	❄️
	100 ml	FBS-GI-12B	❄️
Fetal Bovine Serum Advanced , Collected in South America Heat Inactivated	500 ml	FBS-HI-11A	❄️
	100 ml	FBS-HI-11B	❄️
Fetal Bovine Serum , Collected in South America Heat Inactivated	500 ml	FBS-HI-12A	❄️
	100 ml	FBS-HI-12B	❄️
Fetal Bovine Serum , Origin USA Heat Inactivated	500 ml	FBS-HI-22A	❄️
	100 ml	FBS-HI-22B	❄️

FBS MINIS

With our FBS Minis, our team of experts has created a SERVICE that redefines the everyday routine in cell culture. Leave the tedious work of aliquoting behind and receive a consistent product that offers reproducibility and validity in cell culture.



PRODUCT	VOL.	CAT.NO.	❄️
New! FBS Xtra, Fetal Bovine Serum Collected in South America	10x 50 ml	10-FBS-16F	❄️
New! Fetal Bovine Serum Advanced Collected in South America	10x 50 ml	10-FBS-11F	❄️
New! Fetal Bovine Serum Collected in South America	10x 50 ml	10-FBS-12F	❄️

MORE DETAILS ABOUT THE PRODUCTS?

No Problem – Check Out Our Website!

www.capricorn-scientific.com





OTHER ANIMAL SERA

Our product portfolio of animal sera includes various bovine sera as well as a wide range of products from other animals, such as rat serum, goat serum, or rabbit serum. Our bovine sera are a cost-effective alternative to FBS in cell culture media.



PRODUCT	VOL.	CAT.NO.	❄️
Adult Bovine Serum	1000 ml	ABS-1D	❄️
	500 ml	ABS-1A	❄️
	100 ml	ABS-1B	❄️
Calf Serum	1000 ml	CS-1D	❄️
	500 ml	CS-1A	❄️
	100 ml	CS-1B	❄️
Newborn Calf Serum	1000 ml	NCS-1D	❄️
	500 ml	NCS-1A	❄️
	100 ml	NCS-1B	❄️
Newborn Calf Serum Heat Inactivated	500 ml	NCS-HI-1A	❄️
	100 ml	NCS-HI-1B	❄️
Donor Horse Serum	500 ml	DHS-1A	❄️
	100 ml	DHS-1B	❄️
Horse Serum	500 ml	HOS-1A	❄️
	100 ml	HOS-1B	❄️
Goat Serum	500 ml	GOA-1A	❄️
	100 ml	GOA-1B	❄️
Mouse Serum	100 ml	MOU-1B	❄️
Rat Serum	100 ml	RAT-1B	❄️
Porcine Serum	500 ml	POR-1A	❄️
	100 ml	POR-1B	❄️
Rabbit Serum	100 ml	RAB-1B	❄️
Sheep Serum	500 ml	SHP-1A	❄️
	100 ml	SHP-1B	❄️
Chicken Serum	500 ml	CHI-1A	❄️
	100 ml	CHI-1B	❄️

HUMAN SERUM

Human serum has proven to be more suitable than its bovine alternatives for certain cell culture applications with human cells, such as spheroid formation.



PRODUCT	VOL.	CAT.NO.	❄️
Human Serum, Type AB	100 ml	HUM-3B	❄️

MEDIA



EXCELLENT CELL CULTURE MEDIA FOR SUCCESSFUL CELL GROWTH

Our wide portfolio of liquid and powder media provides nutrients for every cell culture application. Each of these cell culture media is manufactured according to its well-established original formulation or further developed for the latest innovative applications.

In addition to our classic media, such as DMEM or RPMI, we offer various ready-to-use special cell culture media and cryopreservation media. Our special media are perfectly tailored to specific applications or cell types.

Choose the media of Capricorn Scientific and experience successful cell culture – with attractive pricing.



CLASSICAL MEDIA *LIQUID*

We offer a variety of classical liquid media for cell culture, such as Dulbecco's Modified Eagle Medium (DMEM), Roswell Park Memorial Institute (RPMI 1640), or Ham's F-12 medium. Our classic media correspond to the original formulations that are widely used in all types of cell culture applications.

Our classic liquid media are produced in a wide range of different variants. In addition to high and low glucose concentrations, our media are supplemented with various amino acids and buffer systems and perfectly adapted to your application.



PRODUCT	VOL.	CAT.NO.	❄
DMEM/Ham's F-12 with L-Glutamine	500 ml	DMEM-12-A	
DMEM/Ham's F-12 w/o L-Glutamine, with 15 mM HEPES	500 ml	DMEM-12-HXA	
DMEM/Ham's F-12 with L-Glutamine, with 15 mM HEPES	500 ml	DMEM-12-HA	
DMEM High Glucose (4.5 g/l) with L-Glutamine	500 ml	DMEM-HA	
DMEM High Glucose (4.5 g/l) with Stable Glutamine, with 25 mM HEPES	500 ml	DMEM-HHSTA	
DMEM High Glucose (4.5 g/l) with L-Glutamine, with Sodium Pyruvate	500 ml	DMEM-HPA	
DMEM High Glucose (4.5 g/l) with Stable Glutamine, with Sodium Pyruvate	500 ml	DMEM-HPSTA	
DMEM High Glucose (4.5 g/l) w/o L-Glutamine, with Sodium Pyruvate	500 ml	DMEM-HPXA	
DMEM High Glucose (4.5 g/l) w/o L-Glutamine	500 ml	DMEM-HXA	
DMEM High Glucose (4.5 g/l) w/o L-Glutamine, w/o Phenol Red	500 ml	DMEM-HXRXA	
DMEM Low Glucose (1 g/l) with L-Glutamine, with Sodium Pyruvate	500 ml	DMEM-LPA	
DMEM Low Glucose (1 g/l) with Stable Glutamine, with Sodium Pyruvate	500 ml	DMEM-LPSTA	
DMEM Low Glucose (1 g/l) w/o L-Glutamine, with Sodium Pyruvate	500 ml	DMEM-LPXA	
IMDM with L-Glutamine, w/o Supplements	500 ml	IMDM-A	
Leibovitz's L-15 Medium w/o L-Glutamine	500 ml	L15-XA	
Ham's F-12 with L-Glutamine	500 ml	HAM-12-A	
Ham's F-10 with L-Glutamine	500 ml	HAM-10-A	



CLASSICAL MEDIA *LIQUID*

PRODUCT	VOL.	CAT.NO.	❄️
Medium 199 with Hank's Salts with L-Glutamine	500 ml	M199-HK-A	
Medium 199 with Earle's Salts with L-Glutamine	500 ml	M199-A	
McCoy's 5A Medium with L-Glutamine	500 ml	MCC-A	
MEM with Earle's Salts with L-Glutamine	500 ml	MEM-A	
MEM Alpha Modification w/o L-Glutamine, with Nucleosides	500 ml	MEMA-RXA	
MEM Alpha Modification w/o L-Glutamine, w/o Nucleosides	500 ml	MEMA-XRXA	
MEM with Earle's Salts with Stable Glutamine	500 ml	MEM-STA	
MEM with Earle's Salts w/o L-Glutamine	500 ml	MEM-XA	
RPMI 1640 with L-Glutamine	500 ml	RPMI-A	
RPMI 1640 with L-Glutamine, with 25 mM HEPES	500 ml	RPMI-HA	
RPMI 1640 w/o L-Glutamine, with 25 mM HEPES	500 ml	RPMI-HXA	
RPMI 1640 with Stable Glutamine	500 ml	RPMI-STA	
RPMI 1640 w/o L-Glutamine	500 ml	RPMI-XA	
RPMI 1640 w/o L-Glutamine, w/o Phenol Red	500 ml	RPMI-XRXA	
Schneider's Drosophila Medium, Modified with L-Glutamine	1000 ml	SCH-1000ML	
SILAC DMEM High Glucose (4.5 g/L) w/o L-Arginine, w/o L-Lysine, w/o L-Glutamine, w/o Phenol Red	500 ml	DMEM-SIL-500ML	
SILAC RPMI 1640 w/o L-Arginine, w/o L-Lysine, w/o L-Glutamine, w/o Phenol Red	500 ml	RPMI-SIL-500ML	

New!

New!



CLASSICAL MEDIA POWDER

We offer several classic cell culture media in powder form that are suitable for your specific applications and guarantee the highest quality.

All our powder media are produced using state-of-the-art grinding and mixing equipment and are stringently tested in terms of handling, particle size, and dispersion of the raw material.



PRODUCT	VOL.	CAT.NO.	❄️
DMEM High Glucose (4.5 g/l) Powder Medium with L-Glutamine, w/o Sodium Bicarbonate	50 L	DMEM-HA-P50	
	10 L	DMEM-HA-P10	
DMEM High Glucose (4.5 g/l) Powder Medium with L-Glutamine, with Sodium Pyruvate, w/o Sodium Bicarbonate	50 L	DMEM-HPA-P50	
	10 L	DMEM-HPA-P10	
DMEM Low Glucose (1 g/l) Powder Medium with L-Glutamine, with Sodium Pyruvate, w/o Sodium Bicarbonate	50 L	DMEM-LPA-P50	
	10 L	DMEM-LPA-P10	
MEM with Earle's Salts Powder Medium with L-Glutamine, w/o Sodium Bicarbonate	50 L	MEM-A-P50	
	10 L	MEM-A-P10	
RPMI 1640 Powder Medium with L-Glutamine, w/o Sodium Bicarbonate	50 L	RPMI-A-P50	
	10 L	RPMI-A-P10	
RPMI 1640 Powder Medium with L-Glutamine, with 25 mM HEPES, w/o Sodium Bicarbonate	50 L	RPMI-HA-P50	
	10 L	RPMI-HA-P10	

WE ALSO OFFER...

**CUSTOMIZED
PRODUCTION**

Fast and flexible production for
research and production
tailored to your recipe!

GET IN TOUCH WITH US!





SPECIAL MEDIA

In response to the increasing interest in chemically defined and serum-free culture environments, Capricorn Scientific has developed numerous highly specialized cell culture media.

These optimized culture media are designed to meet the specific needs of your cells. They provide increased batch-to-batch consistency and improved performance for many cell types.



PRODUCT	VOL.	CAT.NO.	❄
CHOventure with Hypoxanthine, with Thymidine, with Pluronic™, w/o Insulin, w/o L-Glutamine	500 ml	VEN-500ML	
CHOventure Feed A Feeding Supplement for CHO Cells w/o Insulin, w/o L-Glutamine	500 ml 100 ml	VENFA-500ML VENFA-100ML	
CHOventure Feed B Feeding Supplement for CHO Cells w/o L-Glutamine	50 ml 10 ml	VENFB-50ML VENFB-10ML	
CHO ONE E Expression Medium w/o Insulin, w/o L-Glutamine, with Pluronic™	1000 ml 500 ml	CHOE-1000ML CHOE-500ML	
CHO ONE Feed 1 Supplement for CHO cells w/o Insulin, w/o L-Glutamine	500 ml 100 ml	CHOF1-500ML CHOF1-100ML	
CHO ONE Feed 2 Supplement for CHO cells w/o L-Glutamine	50 ml 10 ml	CHOF2-50ML CHOF2-10ML	
CHO ONE Starter Kit	Kit	CHO-K1	
FlowCHO, Protein-free CHO Medium with L-Glutamine, with Ferric Citrate, with HEPES, with Pluronic™	500 ml	F-CHO-500ML	
CP-CHO Medium, Liquid Protein-free CHO-Medium with L-Glutamine	500 ml	CP-CHO-S-500ML	
HEK ONE T Chemically Defined Medium for Transient Expression w/o L-Glutamine, with Growth Hormones	1000 ml	HEKT-1000ML	
HEK ONE S Chemically Defined Medium for Stable Expression w/o L-Glutamine, with Growth Hormones	1000 ml	HEKS-1000ML	
HEK ONE Feed Chemically Defined Feeding Supplement w/o L-Glutamine	1000 ml	HEKF-1000ML	



YOU HAVE BIG PLANS?

In addition to the standard container sizes, our liquid media can also be filled into sterile bags for you. Filling takes place in 10–50 L bags using a sterile, closed system for maximum safety.

We also offer a wide range of special powder media for the space-saving implementation realization of your large-scale projects.



PRODUCT	VOL.	CAT.NO.	❄️
VeroVax, Serum-Free Medium w/o L-Glutamine	500 ml	VEV-500ML	
New! VeroPrime, Chemically Defined Medium w/o L-Glutamine, w/o Phenol Red	500 ml	VEP-XR-1000ML	
VeroPrime, Chemically Defined Medium w/o L-Glutamine	500 ml	VEP-500ML	
New! HybridomaPlus Protein-free Hybridoma Medium w/o L-Glutamine, w/o Phenol Red	500 ml	HY-XRXA	
HybridomaPlus Protein-free Hybridoma Medium with L-Glutamine	500 ml	HY-A	
TumorPlus 263 Complete Medium for Tumor Cells with L-Glutamine	500 ml	TP-A	❄️

CRYOPRESERVATION

In the process of cryopreservation, structurally intact living cells are permanently preserved at low temperatures. To achieve this, a special cryopreservation medium is required to protect the sensitive cells during freezing. Our cryopreservation agents enhance the total concentration of all dissolved components and thus reduce the amount of ice crystals formed to protect the cells.



PRODUCT	VOL.	CAT.NO.	❄️
FreezeMe One Cryopreservation Medium with Fetal Bovine Serum	50 ml	FM1-F	❄️
FreezeMe Two Cryopreservation Medium, Serum-free	50 ml	FM2-F	❄️

REAGENTS



IMPROVED PERFORMANCE WITH THE RIGHT SUPPLEMENTS AND REAGENTS

The successful cultivation of cells requires the use of pure, high-quality reagents. In most cases, supplements and additives are added to the culture medium or used directly in the application.

Our comprehensive range of cell culture reagents includes antibiotics, bovine serum albumin (BSA), cell detachment and separation reagents, as well as numerous other important supplements and additives.

Use Capricorn Scientific's supplements and additives for excellence in your field of application. All of our reagents undergo extensive testing and quality control to ensure your complete satisfaction.



SUPPLEMENTS & ADDITIVES

In cell culture, the growth medium must complement all the missing elements that normally occur *in vivo*. This is achieved by adding general supplements such as glutamine or ITS, or highly specific supplements such as NCS21.



PRODUCT	VOL.	CAT.NO.	❄️
Sodium Pyruvate (100 mM)	100 ml	NPY-B	
L-Glutamine (200 mM)	100 ml	GLN-B	❄️
MEM Nonessential Amino Acids (100x)	100 ml	NEAA-B	
Stable Glutamine (200 mM)	100 ml	STA-B	❄️
NCS21 Supplement (50x) Serum-free	10 ml	C21-H	❄️
Hybridoma Supplement Serum-free	50 ml	HCS-F	❄️
ITS (100x) Insulin, Transferrin, Selenium	10 ml	ITS-H	
N2 Supplement (100x) Serum-free	5 ml	N2-K	❄️
Insulin human recombinant Solution (5 mg/ml)	5 ml	INS-K	
Glucose Solution (250 g/L)	50 ml	GLC-F	

ANTIBIOTICS

Contamination of cell cultures with microbiological organisms continues to be a serious problem for scientists worldwide.

Contaminated cell cultures have a major impact on the quality and consistency of your results due to morphological changes. Therefore, use our supplements for protection.



PRODUCT	VOL.	CAT.NO.	❄️
Amphotericin B Solution (100x)	100 ml	AMP-B	❄️
Gentamicin Solution, 10 mg/ml	100 ml	GEN-10B	
MycroXpert, Mycoplasma Removal Reagent (50x)	100 ml	MYX-B	❄️
Penicillin/Streptomycin (100x)	100 ml	PS-B	❄️
Penicillin/Streptomycin (100x) with L-Glutamine	100 ml	PSG-B	❄️
Antibiotic/Antimycotic Solution (100x)	100 ml	AAS-B	❄️



CELL DISSOCIATION

For routine cultivation and other applications of adherent tissue and cell monolayers, cell dissociation is an important process. Knowledge and understanding of which detachment reagent to use for what purpose have a major impact on cell viability.

In addition to products for classical detachment protocols such as trypsin, Capricorn Scientific also offers other, gentler, and more convenient solutions for cell detachment and dissociation, e.g., Accutase or Accumax.



PRODUCT	VOL.	CAT.NO.	❄️
Accumax	50 ml	ACM-1F	❄️
Accutase Cell Detachment Solution	100 ml	ACC-1B	❄️
Trypsin-EDTA (0.05 %) in DPBS (1x)	100 ml	TRY-1B	❄️
Trypsin-EDTA (0.5 %) in DPBS (10x)	100 ml	TRY-1B10	❄️
Trypsin (0.25 %) in DPBS (1x)	100 ml	TRY-2B	❄️
Trypsin (2.5 %) in DPBS (10x)	100 ml	TRY-2B10	❄️
Trypsin-EDTA (0.25 %) in HBSS (1x) with Phenol Red	100 ml	TRY-3B	❄️
Trypsin-EDTA (0.05 %) in HBSS (1x) with Phenol Red	100 ml	TRY-4B	❄️

THE GENTLE DETACHMENT SOLUTION

Find Out More About Accutase
in Our Knowledge Center!

www.capricorn-scientific.com/accutase



CELL SEPARATION

In order to conduct research on an isolated cell type, unwanted cells must be separated to avoid interference. Cell separation, also known as cell sorting or cell isolation, is the process of isolating a cell or an entire cell population from a heterogeneous cell solution or tissue.



PRODUCT	VOL.	CAT.NO.	❄️
Lymphocyte Separation Medium Density 1.077 g/ml	500 ml	LSM-A	❄️
	100 ml	LSM-B	



TRANSFECTION

We offer a range of high-quality selection antibiotics for transfection that can be used to produce stable cell lines. Our top-notch transfection antibiotics can be supplied either as a powder or as a sterile solution, depending on your preferences.



PRODUCT	VOL.	CAT.NO.	❄️
G-418 Sulfate, Solution 100 % Activity (50 mg/ml)	100 ml	G418-B	❄️
	10 ml	G418-H	❄️
G-418 Sulfate, Powder	10 g	G418-R	
	5 g	G418-Q	
Hygromycin B, Solution (50 mg/ml)	10 ml	HYG-H	

BOVINE SERUM ALBUMIN (BSA)

Bovine serum albumin is a protein obtained from bovine blood. It is utilized in fields such as cell culture, molecular biology, protein biochemistry and detection methods. In addition, BSA protein is often used as a reference standard for the quantification of total protein. We offer BSA powder in different types: Standard, Fatty acid-free and Protease-free.



PRODUCT	VOL.	CAT.NO.	❄️
Bovine Serum Albumin Standard Grade	500 g	BSA-1T	
	100 g	BSA-1S	
	50 g	BSA-1U	
Bovine Serum Albumin Fatty Acid-Free	100 g	BSA-FAF-1S	
	50 g	BSA-FAF-1U	
Bovine Serum Albumin Protease-Free	100 g	BSA-PF-1S	
	50 g	BSA-PF-1U	

BSA: THE ALL-ROUNDER OF CELL CULTURE

Read More About BSA in the Knowledge Center!

www.capricorn-scientific.com/BSA



BALANCED SALT SOLUTIONS



BUFFER SOLUTIONS: BALANCE FOR YOUR CELL CULTURE

Cell cultures are required to be carried out under thoroughly regulated conditions. Our buffer solutions, supplied as powder or in aqueous form, provide the cells with the essential inorganic ions for a stable pH and osmotic pressure ratio.

We offer all classic buffer solutions for cell culture, such as the well-known PBS and HBBS, as well as various additives (e.g., phenol red).



BALANCED SALT SOLUTIONS *LIQUID*

Balanced salt solutions are most commonly used in cell culture to maintain pH and osmotic pressure.

We offer all classic buffer solutions for cell culture, such as PBS and HBSS, as well as various supplements (e.g., phenol red).



PRODUCT	VOL.	CAT.NO.	❄️
Hanks' Balanced Salts with Ca & Mg, w/o Phenol Red	500 ml	HBSS-1A	
Hanks' Balanced Salts w/o Ca & Mg, w/o Phenol Red	500 ml	HBSS-2A	
Hanks' Balanced Salts w/o Ca & Mg, with Phenol Red	500 ml	HBSS-3A	
HEPES Buffer Solution (1 M)	100 ml	HEP-B	
Dulbecco's PBS (10x) w/o Ca & Mg, w/o Phenol Red	500 ml	PBS-10XA	
Dulbecco's PBS (1x) w/o Ca & Mg, w/o Phenol Red	500 ml	PBS-1A	
Dulbecco's PBS (1x) with Ca & Mg, w/o Phenol Red	500 ml	PBS-2A	
Water, Suitable for Cell Culture sterile-filtered	1000 ml 500 ml	WAT-1000ML WAT-500ML	



POWDER **BALANCED SALT SOLUTIONS**

All our powder products, such as PBS powder, are manufactured using state-of-the-art grinding and mixing equipment and are fully controlled by our quality department in terms of raw material identity, particle size, and integrity.

PRODUCT	VOL.	CAT.NO.	❄️
Dulbecco's PBS (1x), Powder w/o Ca & Mg, w/o Phenol Red	50 L 10 L	PBS-1A-P50 PBS-1A-P10	



DIAGNOSTICS



**FOR EXCELLENT
PATIENT CARE IN
CYTOGENETICS**

Capricorn's diagnostics range provides media and reagents for cytogenetics that you can trust. Take the next step towards quality, reproducibility, and exceptional performance in all your diagnostic applications.

Capricorn Scientific's diagnostic products meet all regulatory requirements for this market sector. Take your routine laboratory testing to the next level!



CYTOGENETICS

RAPID RESULTS FOR YOUR CYTOGENETIC ANALYSIS

When it comes to cytogenetics, the media and reagents you choose for your analysis are of paramount importance. Capricorn Scientific offers highly specialized media and reagents for the cytogenetic analysis of amniotic fluid, peripheral blood lymphocytes and bone marrow.

These have been optimized to provide reproducible results. Simply test our cytogenetic products yourself and let the results speak for themselves!



PRODUCT	VOL.	CAT.NO.	❄
AmnioPrime Complete Amniotic Fluid Culture Medium for Cultivation of Amnion and Chorionic Villi Cells CE marked	500 ml 100 ml	APR-A APR-B	❄ ❄
LymphoPrime 2 Complete Karyotyping Medium for Peripheral Blood Lymphocytes CE marked	100 ml	LPR2-B	❄
LymphoPrime Complete Karyotyping Medium for Peripheral Blood Lymphocytes CE marked	100 ml	LPR-B	❄
MarrowPrime Complete Bone Marrow Medium CE marked	100 ml	MP-B	❄
Colcemid Solution (10 µg/ml) in DPBS	10 ml	COL-H	❄
Phytohemagglutinin (PHA-M) for Lymphocyte Stimulation	10 ml	PHA-H	❄
Potassium Chloride Solution (0.075 M) sterile-filtered	100 ml	KCL-B	❄

CYTOGENETIC KNOWLEDGE FOR YOU

In Our Knowledge Center You Can Read All There Is to Know About Cytogenetics!

www.capricorn-scientific.com/cytogenetics





PRODUCT WARRANTY

Please contact Capricorn Scientific immediately to report any problems with the number of products delivered or any problems with transportation.

Deliveries will be considered accepted if no complaints are made within three working days after receipt of the goods.

Any complaint due to product inconsistency should be reported to Capricorn Scientific within 14 days.

In the event of non-compliance with these times for notification of defects, we shall assume that the delivery is correct. Any defects reported after this time are beyond the direct responsibility of Capricorn Scientific.

Justified complaints, which are reported within the specified periods, will be accepted by Capricorn Scientific by credit note, replacement, or subsequent delivery.

Capricorn Scientific cannot be held responsible if the products are used in applications that do not comply with the prescribed or recommended use.

Please do not return any products to Capricorn Scientific without prior consultation.



DRY ICE

All frozen products (marked with an ❄️ in this price list) will be shipped in polystyrene packaging containing dry ice.

The cost of dry ice is shown separately on the invoice. Please take the necessary care when opening the package.



TERMS OF PAYMENT

Our current special price list serves as the basis for invoicing between Capricorn Scientific and our customers.

Our prices are Euro prices, refer to ex-works delivery, and do not include VAT. Freight and dry ice costs are charged separately.

This special price list is valid for the financial year 2024 and is an individual price list for selected customers.

The standard prices of our products can be found on our homepage.

The terms of payment refer to standard bank transfers with a payment term of 21 days, strictly net, after receipt of delivery.



ORDERING PROCESS

We recommend that you send your order to Capricorn Scientific by fax, email or via our website. Of course, we also accept telephone orders during our business hours.

To place an order, please provide us with:

- 1 Your internal purchase order number and quotation number, if applicable
- 2 Our catalog number and quantities of the products ordered
- 3 Your complete delivery address and billing address, if different
- 4 Your name, possibly your customer number, and your telephone number
- 5 Your order will be shipped with our standard shipping service provider, unless otherwise agreed upon.

CLOSING WORDS

We look back on a fulfilling and successful year 2023.

As your reliable partner in cell culture, we would like to thank you – our trusted partners in research and industry – for your trust in us!

Your loyalty motivates us to continue developing new products, creating innovations, and revolutionizing your cell culture once again in 2024.

Your input and feedback allow us to continuously work on optimizing our products.

We are proud to be part of your journey and look forward to starting 2024 with what makes our hearts beat faster: the love for excellent cell culture.

With best wishes,

Your Capricorn Team



 **FOLLOW US FOR LATEST NEWS**
www.linkedin.com/company/capricorn-scientific



WHY US?



**Fast and Efficient
Order Processing**



**Customer-Oriented
Product Flexibility**



**Your Partner in
Cell Culture**



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