



FBS Minis

LESS WORK. MORE TIME.

OUR SERVICE

More Than Just a Product

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 comprises experienced scientists with hands-on laboratory knowledge who know what is important in the daily routine. This is what drives us to develop new products that truly make a difference.

Our daily mission is to make your lab work easier while ensuring the foundation for reliable and reproducible results.

Capricorn Scientific is a globally renowned German biotechnology company specializing in the production of media, reagents, buffers, and sera for cell culture.

Our customers trust in the quality of our products and the incomparable SERVICE that we can offer as a mid-sized company!



// Our Guiding Principle: New Things Must Be Better.

In collaboration with our customers, we aim for the top. That is why it is on us to offer you the products and – above all – the service that enables you to hit the ground running. "

Harry Brack, CEO

FBS MINIS

*Less Work.
More Time.*

Fetal bovine serum (FBS) is nothing new as such – for decades, it has been impossible to imagine cell culture without this product. It provides your cells in culture with nutrients, growth hormones, and proteins, which are essential for cell growth.

However, the traditional path – from obtaining FBS to its addition to the cell culture medium – is outdated and burdened with time-consuming, error-prone, and risky procedures that persist in many laboratories ...



The Future of Cell Culture

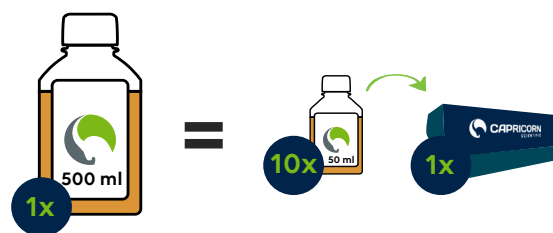
Our FBS Minis are a game-changing service, carefully crafted by our team of experts to improve the daily routines of cell culture. Our service empowers you to focus on what truly matters: your research.

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.

Our SERVICE at **Capricorn Scientific**

- ① ✓ Solution-Oriented Support
- ② ✓ Fast Deliveries
- ③ ✓ Cost-Effective Products

... and much more!



ENHANCED RELIABILITY FOR YOUR RESEARCH

With the FBS Minis, not only do you gain the freedom to fully immerse yourself in your projects, but you also contribute significantly to achieving reproducible and meaningful research results. Why is that?

The aliquoting process carries numerous variables that directly impact cell growth and, subsequently, your research results. Entrust this process to our team of experts operating within controlled clean room conditions, enabling you to concentrate on your research without compromise.

Continue reading and discover the advantages that our FBS Minis can bring to your research!



YOUR BENEFITS

Discover the Revolution in Your Lab

FBS MINIS – FIRST BATCH TESTING, THEN PROFIT!

Our SERVICE “FBS Minis” has been specially developed to optimize your laboratory work and simultaneously increase the reproducibility of your research results. We value the precious nature of your time in the lab and are dedicated to assisting you in achieving significant and reproducible results.

We understand the critical role of selecting the right FBS for your cells. That is why we provide a unique service: the pre-testing of your batch.

With our FBS Minis, you can leave the bothersome work of aliquoting behind and also get a consistent product that offers you better reproducibility and validity of your research results.

BATCH TESTING

First, convince yourself of the FBS itself and then benefit from our FBS Minis.



LESS WORK. MORE TIME.

Devote your attention to what truly matters: Your research.

No more annoying and time-consuming aliquoting! Save working time and take advantage of a significantly reduced thawing period (6 h versus 36 h with controlled thawing from +4 °C to +8 °C).



CONTAMINATION? WE COUNTER!

Aliquoting FBS into smaller units is a common cause of contamination. Rest assured that our controlled clean room conditions eliminate this concern. Additionally, potential sources of contamination, such as pipettes and the risk of “reflux drops” during aliquoting, are non-existent with our FBS Minis.



ENHANCED REPRODUCIBILITY FOR YOUR RESEARCH

To this day, reproducibility remains a challenge in cell culture experiments. The consistency of the serum is a pivotal factor that must not be neglected. Due to our strictly controlled manufacturing process, every parameter is meticulously inspected.

Test your batch initially, then enjoy our SERVICE with FBS Minis!



The Essentials at a Glance

	FBS STANDARD	FBS MINIS
Aliquoting	Yes	No
Working time	Thawing bottle: 30 min Aliquoting: 15 min Water bath: 15 min	Water bath: 15 min
Plastic waste	100 %	70 %
Freeze-thaw cycles	2-3	1
Labeling	Manually & error-prone	Distinct label with Cat. No., Lot & Expiry date



FLAWLESS LABELING & EASY INVENTORY MANAGEMENT

Each bottle of FBS Minis comes properly equipped with a carefully designed label, ensuring all important information is clearly visible – no risk of mislabeling or smudging!

Further, you store the Minis in a convenient flap box, putting an end to mix-ups and the risk of items getting misplaced.

On the lid of the flap box, you can record all your relevant data for the most optimal inventory!



ECO-FRIENDLY & RESOURCE-EFFICIENT

With our FBS Minis, you actively contribute to the reduction of plastic waste, as there is no need for additional pipettes or Falcons for aliquoting (saving of consumables approx. 30 %).

In addition, you save working time, thereby freeing up important resources to be used elsewhere!



The Box with the **CLICK!**

Save Time and Spend It on
the **REALLY** Important Subjects!

PRODUCTS

All Available FBS Minis

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 product size you have purchased from us previously, we are here to meet your needs by providing your chosen serum as FBS Minis.

In case you do not find your desired serum in the table below, simply scan the QR code and select the serum product on our website that suits you.



PRODUCT	VOLUME	CAT. NO.
FBS Xtra Controlled. Defined. Reduced.	10x 50 ml	10-FBS-16F
FBS Advanced Constant Performance Between Batches	10x 50 ml	10-FBS-11F
FBS Standard Fetal Bovine Serum	10x 50 ml	10-FBS-12F



FURTHER TREATMENT OPTIONS:

- Gamma-Irradiated
- Charcoal-Stripped
- Dialyzed
- Embryonic Stem Cell-Pretested
- Tetracycline-Negative
- Exosome-Depleted
- IgG-Depleted
- 9CFR-Tested
- Low Endotoxin
- Heat Inactivation

CAN'T FIND YOUR SERUM?

Take a Look on Our
Website Now!

www.capricorn-scientific.com



FAQ

Frequently Asked Questions

What is the shelf life of FBS Minis?

Our FBS Minis have a shelf life of 5 years from the manufacturing date of the original batch.

However, please note that there may be differences in shelf life depending on the specific variant.

Can I heat-inactivate the FBS Minis?

Yes, the FBS Minis can be heat-inactivated without any issues, and as usual.

Additionally, we offer the option to provide you with heat-inactivated FBS Minis, offering a further time-saving advantage.

How can the FBS Minis be thawed?

Your serum can be thawed overnight at +4 °C to +8 °C (controlled conditions) or in a water bath at +37 °C while gently swirling occasionally.

Once the serum is fully thawed, gently invert the bottle to ensure the mixing of all components. Carefully add the serum to your culture medium or the flask to be used.

How do I secure my bottles in the water bath?

Adjust your water level to accommodate the bottles without extra attachments. Thus, you do not need any other supporting attachments for your bottles. If this is not sufficient, you can weigh down your Minis with common utensils. Make sure that the method you choose provides a stable hold for the bottles.

Moreover, we recommend a controlled thawing process at +4 °C to +8 °C.

What material are the bottles made from?

Our FBS Minis bottles are constructed from modified polyethylene terephthalate with glycol (PETG). They are specifically designed for medical use and allow easy sterilization. The material is characterized by its recyclability, which makes PETG an extremely eco-friendly option.



Can I transfer my Minis by pouring, or do I HAVE TO use a pipette?

Yes, pouring your Minis is a viable option, which at the same time contributes to the reduction of plastic waste. However, it is advisable to be careful during the pouring process and transfer the contents precisely to avoid spilling.

In particular, our Minis are well-suited for preparing medium with 10% FBS since you typically use the entire bottle, preventing any backflow or contamination risks.

How should I label my aliquots?

Do not worry about using pens or inconvenient stickers that might fall off or smudge. Each of our Minis already comes with a label showing you all the important information.

In addition, the storage box provides the flexibility to add other relevant data, such as the user or workgroup name, for your convenience.



GENERAL KNOWLEDGE
ABOUT CELL CULTURE

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

WHY US?



Fast and Efficient
Order Processing



Customer-Oriented
Product Flexibility



Your Partner in
Cell Culture



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