



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Corning® Bovine Calf Serum, Iron-fortified

CORNING

What is Bovine Calf Serum?

Bovine calf serum is a cost-effective alternative to Fetal Bovine Serum (FBS). It is often used with robust cell lines when large quantities of serum are needed such as in the manufacturing of biological drugs and vaccines. Bovine calf serum is derived from calves that are generally less than 22 weeks old. It has very high levels of transferrin, which allows for iron fortification to levels of more than three times greater than FBS.

Why Choose Corning Bovine Calf Serum?

All Corning bovine calf serum is collected under direct supervision using Corning's strict collection protocol. These controls ensure we can meet a strict endotoxin level of ≤ 10 EU/mL and hemoglobin levels of ≤ 25 mg/dL. All Corning bovine calf serum is collected in USDA inspected facilities in the United States and is derived from healthy calves that have passed ante- and post-mortem inspection and were found to be free of contagious diseases.

Filtering Standards

Industry standards are to filter bovine calf serum through a $0.2 \mu\text{m}$ filter. Corning goes above the industry standard using triple $0.1 \mu\text{m}$ sterile filters for all our bovine calf serum. This is the same filtering requirements Corning uses for FBS products, which provides a Sterility Assurance Level (SAL) of 10^{-3} . In addition to USP <71> and EP 2.6.1 sterility testing, all lots must test negative for mycoplasma.

When used in the correct application, Corning bovine calf serum can perform as well as, or better than, FBS at a fraction of the cost.

Iron Fortification

Calves are often fed a low iron diet. To counter the iron deficiency found in the serum, all Corning bovine calf serum is iron-fortified to bring the iron back to naturally occurring levels. We specify that iron saturation must be between 70%-80%. Total iron binding capacity and percent iron saturation are reported on every Certificate of Analysis.

True Pooled Sterile Filtered

All Corning bovine calf serum is true-pooled after filtration to ensure consistency from bottle to bottle within a lot. True-pooling greatly reduces intra-lot variability.

Certificate of Analysis and Biochemical Profile

Corning sera products are evaluated for:

- ▶ Quality
- ▶ Performance
- ▶ Analytical testing, including:
 - pH
 - Osmolality
 - Growth promotion and/or plating efficiency
 - Sterility
 - Mycoplasma
 - Viral presence (9CFR113.53)
 - Total protein
 - Endotoxin and hemoglobin levels

A biochemical profile is also provided with each lot. Complete information can be found on our comprehensive Certificate of Analysis which is available at www.corning.com/resources.



Custom Testing

In addition to our comprehensive suite of standard tests, Corning provides customized testing and screening upon request. If the test you require is not present on the Certificate of Analysis, inquire with your local Corning sales representative to determine whether a custom test is available.

Ordering Information

Corning® Bovine Calf Serum, Iron-fortified

Cat. No.	Description	Storage	Size	Qty/Pk
35-053-CM	Bovine calf serum, iron-fortified, US Origin	-25°C to -15°C	1000 mL	1
35-054-CM	Bovine calf serum, iron-fortified, US Origin (heat inactivated)	-25°C to -15°C	1000 mL	1
35-055-CM	Bovine calf serum, iron-fortified, US Origin (gamma irradiated)	-25°C to -15°C	1000 mL	1
35-056-CM	Bovine calf serum, iron-fortified, US Origin (heat inactivated, gamma irradiated)	-25°C to -15°C	1000 mL	1

For more specific information on claims, visit the Certificates page at www.corning.com/lifesciences.

Warranty/Disclaimer: Unless otherwise specified, all products are for research and further manufacturing use only. Not for use as an excipient. Not for therapeutic or diagnostic use. Not for human or animal consumption. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.

For additional product or technical information, visit www.corning.com/lifesciences or call 800.492.1110. Outside the United States, call +1.978.442.2200 or contact your local Corning sales office.

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