



Certificates

SDS

Citations & References (33)

Gibco™

Fetal Bovine Serum, qualified, United States

Important Update: We've recently introduced Premium Fetal Bovine Serum (FBS) specification-based products. These improved products are alternatives to our Qualified US origin SKUs. Product stability, performance, manufacturing, storage, and transport processes are unchanged.

Promotion Promotion: P6071074 Ending soon: buy 3, only pay for 2

Promotion Promotion: RGLOW25 Save up to \$900 and get the limited-edition holiday sweatshirt + matching beanie

Have Questions? [Contact Us](#)

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Catalog Number	Quantity	Format
26140079	500 mL	Bottle
A3160501	50 mL	One Shot
A3160502	10 x 50 mL	One Shot

Recommended product



Catalog number: A5670701

In stock

[View recommendation](#)

Catalog number 26140079

[Select current product ▾](#)Recurring order eligible. [Learn more »](#)**Product Overview**

Ask our AI about this Product

FAQ

Figures

Recommendations

Documents

Gibco fetal bovine sera offer excellent value for basic cell culture, specialty research, and specific assays, earning the trust of researchers with consistent quality and award-winning support that helps meet your research needs and budget requirements

Gibco Sera: Trusted Quality for Consistent Performance**Gibco Sera Category: Value Plus (Performance)**

- Use for general cell culture with common cell lines
- Low endotoxin and hemoglobin levels
- Endotoxin level: <10 EU/mL
- Hemoglobin level: <25 mg/dL
- Origin: United States

Gibco Serum Delivers

- ISO 13485 certified, processed in FDA registered facilities
- Triple filtered at 0.1 µm
- Gibco bottle is easier to use in the hood, reduces the risk of contamination and helps you perform cell culture more consistently
- Peel-off sticker on label provides handy reference for lot number and expiration date recording in lab notebook

For research use or further manufacturing use only. Serum and blood proteins are not for direct administration into humans or animals.

Specifications

Endotoxin Concentration	≤10 EU/mL
Hemoglobin Concentration	≤25 mg/dL
Purity or Quality Grade	Qualified
Shipping Condition	Frozen
Species	Cattle/Bovine
Age	Fetal

Format	Bottle
Product Type	Fetal Bovine Serum
Quantity	500 mL
Serum Treatment	Standard (Sterile-filtered)
Sterility	Sterile
Sterilization Method	Triple-filtered, 0.1 µm
Unit Size	Each

Contents & Storage

Storage conditions: ≤-10°C

Shipping conditions: Frozen

December sale: for every 3 products you buy, only pay for 2

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 Have questions about this product? Ask our AI assisted search.

 Ask a question about this product.

Is serum sterile?

Sometimes I notice flocculence in serum. What could it be?

How do I know if I need heat-inactivated serum for my cells?

What is the difference between Fetal Bovine Serum and Fetal Calf Serum?

How is dialyzed FBS processed?

[+ Show more FAQs for this product](#)

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How should I thaw Gibco Fetal Bovine Serum?



How can I minimize lot-to-lot variability in serum?

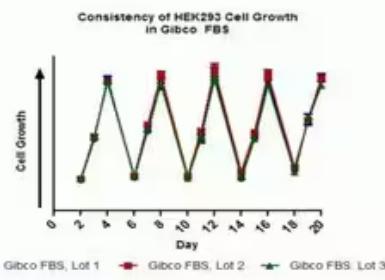


Can I aliquot and refreeze serum?



[View all Fetal Bovine Serum, qualified, United States FAQs >](#)

Figures



Consistency of HEK293 Cell Growth in Gibco® FBS:

Customers who viewed this item also viewed

Fetal Bovine Serum, Premium, bottle, 500 mL

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Fetal Bovine Serum, Value, bottle, 500 mL

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Fetal Bovine Serum, certified, United States,...

Catalog number: 16000044

1,004.00 / Each

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Documents & Downloads

Certificates

Lot #	Certificate Type	Date	Catalog Number(s)
U3060184RP	Certificate of Analysis	Nov 07, 2025	26140079, 26140087, 26140095
U3323790P	Certificate of Analysis	Nov 04, 2025	26140079, 26140087, 26140095
U3251954RP	Certificate of Analysis	Aug 16, 2025	26140079, 26140087, 26140095
U3241226RP	Certificate of Analysis	Jun 20, 2025	26140079, 26140087, 26140095
U3126623P	Certificate of Analysis	Mar 29, 2025	26140079, 26140087, 26140095

5 results displayed, search above for a specific certificate

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Safety Data Sheets



Scientific Resources

Reference Materials



- [Green Fact Sheet: One Shot FBS 50 mL Bottles](#)
- [AE-1](#)
- [Neurons \(Astrocytes\)](#)
- [C6 cells](#)
- [HT1080](#)
- [293T](#)
- [SH-Sy5Y](#)
- [COS-1](#)
- [PC-12](#)
- [COS-7](#)



Application Notes 

- Application Note: Performance comparison of maxi-scale plasmid DNA isolation kits

Technical Notes 

- Technical Note: Bone Metastasis Models using Cell Culture inserts

Vector Information 

- Green Features Fact Sheet: One Shot FBS 50 mL bottles

Citations & References (33)

 Search citations by name, author, journal title or abstract text

Search

Citations & References

Abstract

A functional role for the B56 alpha-subunit of protein phosphatase 2A in ceramide-mediated regulation of Bcl2 phosphorylation status and function.

Authors: Ruvolo Peter P; Clark Warren; Mumby Marc; Gao Fengqin; May W Stratford;

Journal: J Biol Chem

PubMed ID: 11929874

'Recently it has been shown that the potent apoptotic agent ceramide activates a mitochondrial protein phosphatase 2A (PP2A) and promotes dephosphorylation of the anti-apoptotic molecule Bcl2 (Ruvolo, P. P., Deng, X., Ito, T., Carr, B. K., and May, W. S. (1999) J. Biol. Chem. 274, 20296-20300). In cells expressing Bcl2, ... [More](#)

Metabolism of 4 beta -hydroxycholesterol in humans.

Authors: Bodin Karl; Andersson Ulla; Rystedt Eva; Ellis Ewa; Norlin Maria; Pikuleva Irina; Eggertsen GÃ¶sta; BjÃ¶rkhem Ingemar; Diczfalussy Ulf;

Journal: J Biol Chem

PubMed ID: 12077124

'One of the major oxysterols in the human circulation is 4 beta-hydroxycholesterol formed from cholesterol by the drug-metabolizing enzyme cytochrome P450 3A4. Deuterium-labeled 4 beta-hydroxycholesterol was injected into two healthy volunteers, and the apparent half-life was found to be 64 and 60 h, respectively. We have determined earlier the half-lives ... [More](#)

Activation of retinoic acid receptor-dependent transcription by all-trans-retinoic acid metabolites and isomers.

Authors: Idres Nadia; Marill Julie; Flexor Maria A; Chabot Guy G;

Journal: J Biol Chem

'We have shown that four metabolites of all-trans-retinoic acid (ATRA) (4-oxo-, 4-OH-, 18-OH-, and 5,6-epoxy-RA) can induce maturation of NB4 promyelocytic leukemia cells (Idres, N., Benoit, G., Flexor, M. A., Lanotte, M.,



Interaction of human breast fibroblasts with collagen I increases secretion of procathepsin B.

Authors: Koblinski Jennifer E; Dosecscu Julie; Sameni Mansoureh; Moin Kamiar; Clark Katherine; Sloane Bonnie F;

Journal: J Biol Chem

PubMed ID: 12072442

'Interactions of stromal and tumor cells with the extracellular matrix may regulate expression of proteases including the lysosomal proteases cathepsins B and D. In the present study, we determined whether the expression of these two proteases in human breast fibroblasts was modulated by interactions with the extracellular matrix component, collagen ... [More](#)

A ligand-inducible epidermal growth factor receptor/anaplastic lymphoma kinase chimera promotes mitogenesis and transforming properties in 3T3 cells.

Authors: Piccinini Gina; Bacchicocchi Roberta; Serresi Michela; Vivani Caterina; Rossetti Silvia; Gennaretti Claudia; Carbonari Damiano; Fazioli Francesca;

Journal: J Biol Chem

PubMed ID: 11919185

'Oncogenic rearrangements of the anaplastic lymphoma kinase (ALK) gene, encoding a receptor type tyrosine kinase, are frequently associated with anaplastic large cell lymphomas. Such rearrangements juxtapose the intracellular domain of ALK to 5'-end sequences belonging to different genes and create transforming fusion proteins. To understand how the oncogenic versions of ... [More](#)

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