

## Fetal Bovine Serum – FBS

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**Catalog #:** FBS001

**Storage:** Storage conditions: -20° ± 5° C

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Fetal Bovine Serum (FBS) promotes steady, healthy cell growth. We can source our FBS cell culture medium supplement from United States (however, it can be sourced from Australia, New Zealand, as well as USDA approved regions in North America).

FBS is the most highly used growth factor in cell culture due to its high level of nutrients. Our FBS is produced to the highest standards in order to reduce risk and product variability and to ensure product safety and performance. These standards are built into entire supply chain.

Your order is delivered exactly as you specify it. We stock a variety of grades of FBS, including charcoal treated, heat inactivated, and low endotoxin levels. Neuromics can also customize to meet very specific cell culture medium supplement needs. Our FBS is 9CFR-tested, meeting FDA and USDA requirements. Fetal bovine serum products can also be tested to meet EMEA requirements. Formulation of serum containing and serum reduced media for mammalian cell culture for the production of antibodies, antigens, stem cells and vaccines

- Cryopreservation, storage and shipping of biological materials such as cell lines and antibodies
- Base matrices for diagnostic kit controls
- Blocking agent for immunoassays and blotting
- All fetal bovine serum is fully traceable and is sourced from audited suppliers
- We process our FBS in single containers and triple 0.1 µ sterile filter it. This eliminates any cross contamination potential.
- Custom serum packages available including charcoal treated, heat inactivated, and low endotoxin levels. FBS packaged in 500mL and 1L bottles, or custom containers
- Maximize cell growth

### FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RISKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.-V2-11//2014

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Fetal Bovine Serum – FBS specific product test requirements and typical values are given below:

Parameter	Method	Specification
Total Protein	Colorimetric Assay	3.0 - 4.5 g/dL
Osmolality	By Osmometer	280 - 340 mOsm/Kg
pH	pH Meter	7.0 - 8.0
Hemoglobin	Contract Lab	< 25 mg/dl
Albumin	Contract Lab	1.7 - 3.4 g/dL
Endotoxin	LAL	< 10 EU/ml
IgG	ELISA	As Reported
Electrophoretic ID	Gel Electrophoresis	Characteristic
Other Parameters	Comprehensive Chemistry Testing	As Reported

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