

## Product Information

### Fetal Bovine Serum Premium

#### Product Description

Serum is the blood component that can be obtained after coagulation and by removing cellular components. Besides serum proteins it contains, e.g. growth factors, amino acids and hormones. This comprehensive mix makes serum one of the most important supplements, supporting cells to grow and proliferate *in vitro* cell culture.

Of special interest is the fetal bovine serum (FBS). It is especially rich in growth factors and is particularly low in antibodies, which may influence the cell culture work.

| Product                                  | Origin                     | Treatment        | Volume | Cat. No.   |
|--|----------------------------|------------------|--------|------------|
| Fetal Bovine Serum Premium               | Collected in South America | -                | 100 ml | A0100-3010 |
|  |                            |                  | 500 ml | A0500-3010 |
|  |                            | Heat Inactivated | 100 ml | A0100-3030 |
|  |                            |                  | 500 ml | A0500-3030 |
| Fetal Bovine Serum Premium               | Origin USA                 | -                | 100 ml | A0100-4010 |
|  |                            |                  | 500 ml | A0500-4010 |
|  |                            | Heat Inactivated | 100 ml | A0100-4030 |
|  |                            |                  | 500 ml | A0500-4030 |
| Fetal Bovine Serum Premium Low Endotoxin | Collected in South America | -                | 100 ml | A0100-3011 |
|  |                            |                  | 500 ml | A0500-3011 |
| Fetal Bovine Serum Premium Low Endotoxin | Origin USA                 | -                | 100 ml | A0100-4011 |
|  |                            |                  | 500 ml | A0500-4011 |

#### Product Specifications

|                  |                                       |
|------------------|---------------------------------------|
| pH               | 6.8 – 8.2                             |
| Osmolality       | 240 – 340 mOsm/kg                     |
| Endotoxin        | As reported                           |
| Total Protein    | 3.0 – 4.5 g/dl                        |
| Albumin          | As reported                           |
| Hemoglobin       | As reported                           |
| Mycoplasma       | Not detected                          |
| Virus tested for | PI-3, BVDV, BVDV-AB, BHV-I            |
| Sterility        | Tested                                |
| Storage          | Store at $\leq -15^{\circ}\text{C}$ . |

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#### Quality Control

Only sera batches which pass our strict quality control are released for sale. Standard parameters which are determined include pH, osmolality, content of protein, albumin, IgG and hemoglobin, endotoxin level, sterility, mycoplasma detection and virus testing.

#### Precautions and Disclaimer

This product is for research use only. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.