

Newborn Calf Serum, Heat Inactivated

General information

Serum of the Newborn Calf category is obtained from 3 to 10 day old calves. In comparison, Calf Serum is obtained from animals which are not more than 12 months old.

Newborn Calf Serum and Calf Serum contain more immunoglobulins than Fetal Bovine Serum and have increased protein content. They are a cost effective alternative to Fetal Bovine Serum.

Newborn Calf Serum, Heat Inactivated has undergone heat inactivation, which involves heating the serum in a shaking water bath at exactly +56 °C for 30 minutes. This treatment inactivates the complement system, antibodies and other active enzymes.

Product specifications

pH	6.8 – 8.2
Osmolality	240 – 340 mOsm/kg
Endotoxin	As reported
Total Protein	5.0 – 8.5 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 ≤-15 °C.

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.

Ordering information

Catalogue number	Pack size
LTNBCs500Hi	500 ml
LTNBCs100Hi	100 ml

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