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## Product Information

### Newborn Calf Serum

Product Number **N 4637**

Storage Temperature  $-20^{\circ}\text{C}$

#### Product Description

Newborn Calf Serum is obtained from bovine calves less than 10 days old.

The product may exhibit some precipitation due to lipid content, which varies from lot to lot. This tends to occur in all serum products. The thawing process may be a factor. The serum should be thawed slowly overnight in the refrigerator, not in a water bath. Upon microscopic exam, these lipids often appear as large round bodies, even as doublets. Lipid aggregates are readily dissolved when exposed to lipase. Brownian motion may be mistaken for motility. However, these particles will not gram stain or show any growth in culture on aerobic, anaerobic, or fungal media. The performance of the material is not affected. These lipids can be removed by filtration or centrifugation, but this is not necessary for use.

#### Precautions and Disclaimer

For Laboratory Use Only. Not for drug, household or other uses.

#### Storage/Stability

Serum should be used within 3 years from the date of purchase. Upon receipt, the product should be thawed, divided into single use aliquots, refrozen, and thawed only once. Once an aliquot has been thawed, it can be stored at  $2-8^{\circ}\text{C}$  up to 1 year, depending on the cell line studied (fibroblasts, for example, are not sensitive to the age of the newborn calf serum).

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