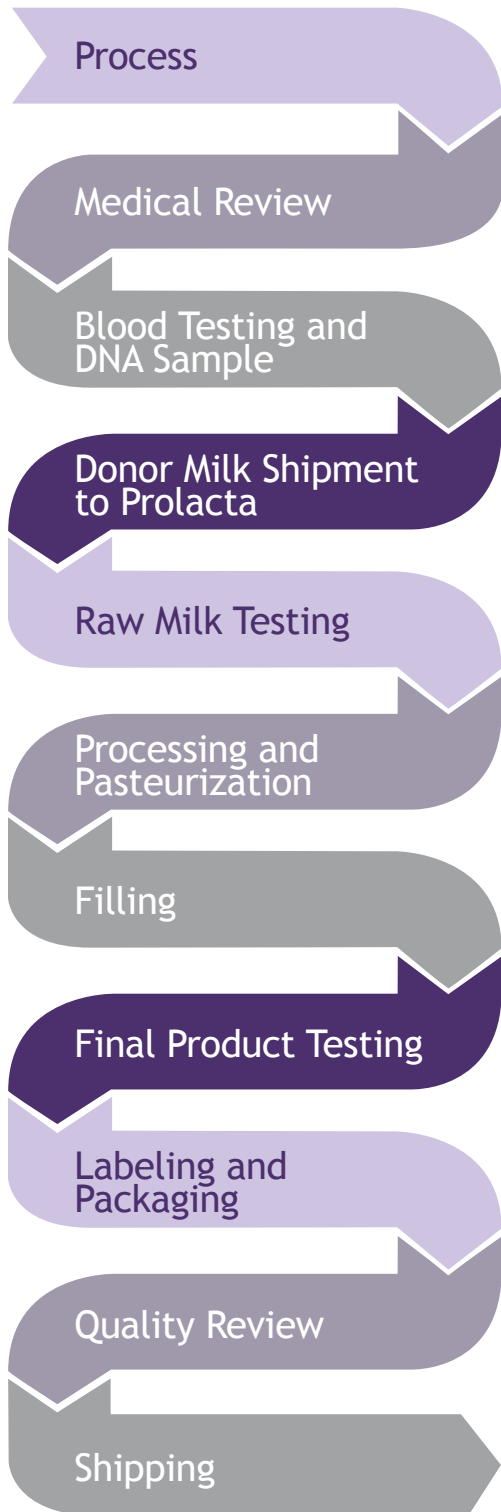


State-of-the-art testing, screening, and standardized production process



Medical Review

- Donor undergoes medical and social screening
- Donor must provide written approval from her doctor and her baby's pediatrician

Blood Testing and DNA Sample

- Donor is tested for HIV-1 & 2, HTLV I & II, HBV, HCV, and syphilis
- DNA sample is taken to create genetic profile of the donor so milk can be verified once received at Prolacta Bioscience, Inc.

Donor Milk Shipment

- Donor is supplied with storage bags, freezer bricks, an insulated cooler, and a prepaid FedEx shipping label
- Donor ships frozen milk to Prolacta Bioscience, Inc.

Raw Milk Testing

- DNA matching is performed for assured donor identification; milk is tested for *B. cereus* and for adulteration, nicotine, and drugs of abuse
- Each donation is tested using nucleic acid testing for HIV-1 & 2, HTLV I & II, HBV, HCV, syphilis, and ZIKV

Processing and Pasteurization

- Microbiological testing is done at multiple points in the process
- Donor milk is formulated into fortifier or standardized human milk products, then pasteurized following the standards of the Pasteurized Milk Ordinance set by the FDA

Filling

- Product is filled into high-density polyethylene bottles (BPA free) and is then frozen

Final Product Testing

- Microbiological screening is conducted: aerobic count, *B. cereus*, *E. coli*, *Salmonella*, *Pseudomonas*, coliforms, *S. aureus*, yeast, and mold
- Full nutritional analysis is performed

Labeling and Packaging

- Product is labeled with nutritional values, "use by" date, and product lot number
- Color-specific labeling is applied for safe storage, mixing, and administration

Quality Review

- Product is quarantined until all data are reviewed, verified, and approved by Quality Assurance
- Final verification is performed against product specifications to assure product quality
- Frozen product is shipped to hospitals in insulated coolers with dry ice

To provide your preterm patient with a 100% human milk-based diet, call:
+800-PROLACTA (+800-77652282)