



THE DONOR
HUMAN MILK
WE NEED

Standardized donor human milk,
shelf-stable and ready to feed



What you fortify for isn't always what the baby gets.

CONVENTIONAL HUMAN MILK

Fortification is built on a preterm-milk baseline—1.6 g/dL of protein. But most donor milk is mature milk, which runs lower. Add the same fortifier to conventional donor human milk and the infant's

feeds fall short of the target you planned for.

LactaLogics standardizes its preterm-profile milk to that baseline, so what you fortify for is what the baby actually gets.

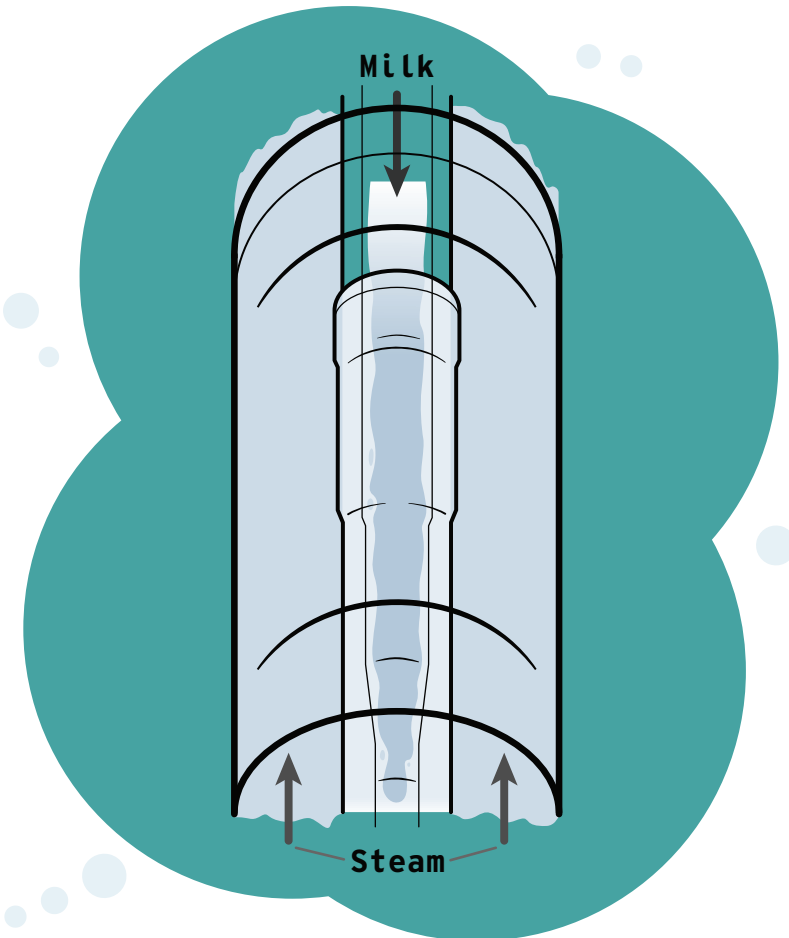
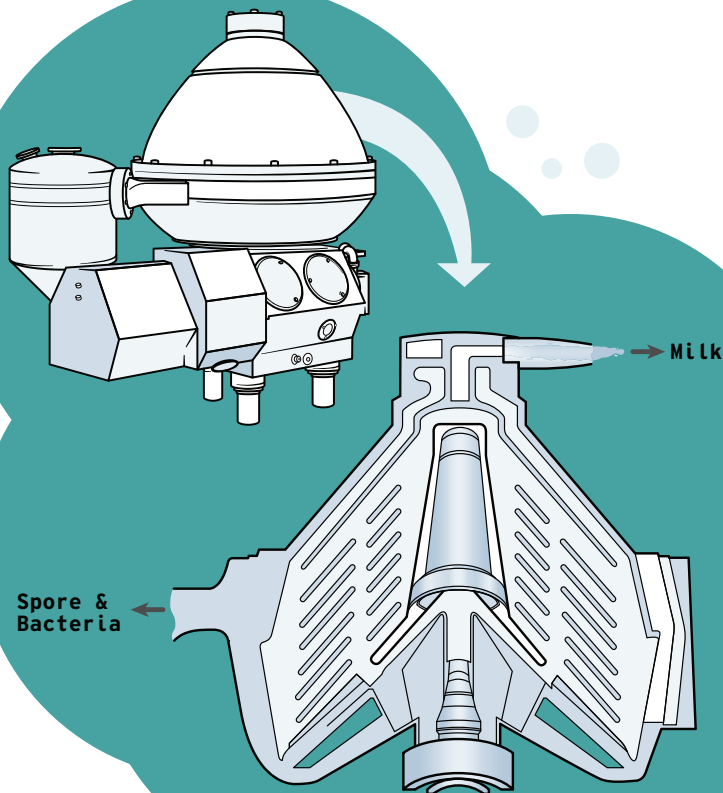


PRETERM MOTHERS' MILK CONTAINS, ON AVERAGE, 1.6 GRAMS OF PROTEIN PER 100 ML, GIVING CLINICIANS A CONSISTENT BASE FROM WHICH TO CALCULATE FORTIFICATION.¹

Inflammatory debris cleared before pasteurization

BACTOFUGATION IS A centrifugal clarification step that runs before any heat is applied. It physically removes bacterial particles, spores, and LPS (lipopolysaccharide) fragments from donor human milk. The dairy industry has relied on this

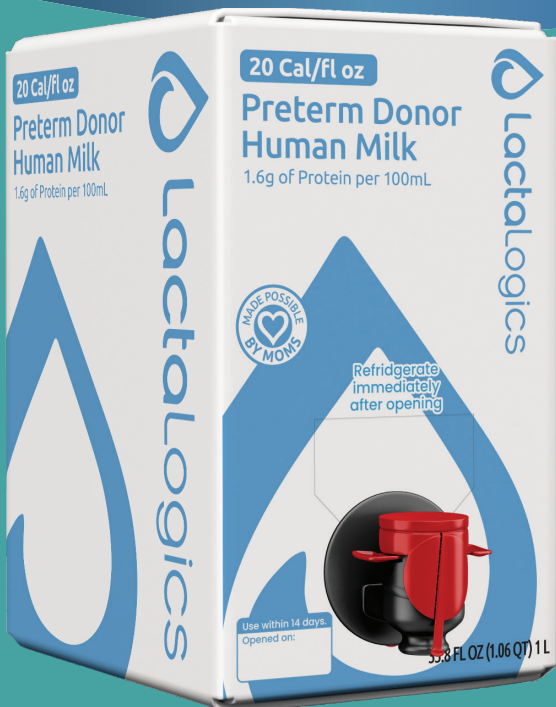
technology for decades; LactaLogics applies this to human milk for neonatal nutrition. Because the spores and fragments are physically removed from the milk rather than left for heat alone to handle, the pasteurization step begins with a reduced microbial load.²



Pasteurization engineered to preserve 90%+ of protein

OUR PROPRIETARY GENTLE-UHT™ process applies indirect steam heat at approximately 285°F (141°C) for under five seconds. It inactivates pathogens,

including heat-resistant strains like *Bacillus cereus* that survive lower-temperature methods, while retaining over 90% of the protein in the milk.³



Ready to feed the moment it arrives.

LACTALOGICS DONOR HUMAN milk is shelf-stable until opened. The thaw clock that sends frozen donor milk to the trash never starts. Conventional donor milk must be frozen, then thawed on a deadline. Once thawed, it holds just 24 to 48 hours, and anything unused in that window is discarded. LactaLogics donor human milk stores at room temperature until opened; once opened, it holds for up to 14 days.

Eliminating thawing, warming from frozen, and frozen cold chain logistics allows the milk room to pull standardized units and feed to order.

Waste drops on both ends: fewer units expire before they're used, and opened product isn't racing a countdown. Supply chain managers can plan around predictable availability rather than frozen-inventory logistics.

Consistency your nutrition plan can count on. No compromises.

A MOTHER'S MILK DIFFERS depending on whether she delivers her baby preterm or term. That's why LactaLogics has two donor human milk options: Preterm donor human milk standardized to 1.6g of protein per 100ml and term donor human

milk standardized to 1.1 grams of protein per 100ml.

We source milk from screened U.S. donors, pasteurize it with our proprietary Gentle-UHT™ method, and standardize each product to a consistent caloric and protein profile.

Backed by a Clinical and Scientific Advisory Board:
Cornell • UC Davis • CHOC

Ready to bring **LactaLogics donor human milk** to your unit?

SCAN THIS QR CODE

to tell us about your NICU and we will
schedule a short conversation with
our clinical team.



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REFERENCES

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2. Walstra P, Wouters JTM, Geurts TJ. *Dairy Science and Technology*. 2nd ed. CRC Press; 2006. Afrazi A, Sodhi CP, Richardson W, et al. New insights into the pathogenesis and treatment of necrotizing enterocolitis: Toll-like receptors and beyond. *Pediatr Res*. 2011;69(3):183-188.
3. Czank C, Prime DK, Hartmann B, et al. Retention of the immunological proteins of pasteurized human milk in relation to pasteurizer design and practice. *Pediatr Res*. 2009;66(4):374-379. LactaLogics, Inc. Data on file. 2026.

Clinical references cite peer-reviewed literature.
For informational use by healthcare professionals.