



Prolacta Bioscience® Doubles Expiration Time and Simplifies Use of Prolact CR® Human Milk-Based Caloric Fortifier

DUARTE, Calif., Sept. 20, 2018 – Prolacta Bioscience, the nation’s leading provider of human milk-based neonatal nutritional products to hospitals, announced today that [Prolact CR® Human Milk Caloric Fortifier](#), a caloric fortifier made from 100 percent human milk cream, now has double the expiration time and simplified mixing instructions. These changes will help reduce waste and cost for hospital neonatal intensive care units (NICUs), while saving time for busy NICU staff.

The frozen shelf-life for Prolact CR has been extended to two years, and the in-use shelf life has been doubled to 48 hours, starting when thawing begins. Prolact CR will be easier for NICU staff to use with the added benefits of simplified preparation and an increased shelf-life before and after thawing starts. Prolact CR is added to mother’s own milk or donor breast milk to provide needed calories and help premature infants achieve adequate growth without substantially increasing feeding volume.

A study published in the journal [Breastfeeding Medicine](#) found that adding Prolact CR to an exclusive human milk diet (EHMD)¹ resulted in a significantly earlier postmenstrual age at discharge and a trend toward decreased length of stay for very-low-birth-weight (VLBW) infants in the NICU, when compared to infants who did not receive the Prolact CR fortifier.² In addition, an earlier study published in [The Journal of Pediatrics](#) found that adding human milk cream to an EHMD including human milk-based human milk fortifier improved length and weight velocities of VLBW infants.³

“Proven as a safe and effective caloric fortifier to boost growth in preemies, Prolact CR remains the only caloric fortifier made from 100 percent donor human milk cream, instead of cow milk,” said Prolacta Bioscience President and CEO Scott Elster. “We are pleased to increase the product’s frozen and post-thaw shelf-life, and to facilitate simplified use of Prolact CR for the healthcare providers on the front lines as they care for fragile premature infants in the NICU.”

About Prolacta Bioscience

Prolacta Bioscience, Inc. is a privately-held life sciences company dedicated to Advancing the Science of Human Milk®. The company pioneered the development of human milk-based neonatal nutritional products to meet the needs of critically ill, premature infants in the NICU. Prolacta leads the industry in the quality and safety of nutritional products made from donor breast milk and operates the first and only pharmaceutical-grade manufacturing facility for the processing of human breast milk.

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¹ An exclusive human milk diet (EHMD) is achieved when 100 percent of the protein, fat and carbohydrates in an infant's diet are derived from human milk. This diet includes a human milk-based human milk fortifier.

² Hair A, Bergner E, Lee M, et al. Premature infants 750—1250 g birth weight supplemented with a novel human milk-derived cream are discharged sooner. *Breastfeeding Medicine*. 2016;11(3):1-5. doi:10.1089/bfm.2015.0166. This study was a secondary analysis of a growth study published in *The Journal of Pediatrics*.

³ Hair A, Blanco CL, Alvaro G, et al. Randomized trial of human milk cream as a supplement to standard fortification of an exclusive human milk-based diet in infants 750-1250 g birth weight. *The Journal of Pediatrics*. 2014;165:915-920. doi:10.1016/j.jpeds.2014.07.005. The study compared the growth outcomes of premature infants weighing 750 to 1250 g who received either an exclusive human milk diet including a human milk-based cream supplement or a standard EHMD diet without the cream supplement.