A Wide Spectrum of HMOs
from Prolacta Bioscience

• Human milk oligosaccharides (HMOs), a family of approximately 200 structurally diverse sugars, can only be found in and sourced from human milk.¹

• HMOs are more abundant than protein in human milk and are the third-most-abundant component, following lactose and lipids.²

• The immunity, prebiotic, and gut maturation benefits that HMOs promote may have a role in the health outcomes attributed to an exclusive human milk diet (EHMD), of which Prolacta’s neonatal nutritional products are a part.¹

• Prolacta’s 100% human milk-based neonatal nutritional products are the FIRST and ONLY to contain a wide spectrum of mother-made HMOs.³
Human milk oligosaccharides (HMOs) provide numerous health benefits to preterm infants.

Healthy gut
Support growth of beneficial bacteria and limit growth of harmful bacteria
Improve intestinal epithelial barrier function

Immune support
Support maturation and regulation of the immune system

Brain development
May function as a supplementary source of sialic acid for brain development

Prolacta Bioscience products provide a clear advantage that is missing from cow milk–based nutrition: a wide spectrum of HMOs.

While some cow milk–based formulas advertise the inclusion of 1 or 2 oligosaccharides, they are synthetic. All Prolacta Bioscience’s clinically proven, high-quality neonatal nutritional products are 100% human milk–based and contain a wide spectrum of HMOs. This broad range of HMOs results from using:

- Large pools of donor milk from hundreds of women as the basis for Prolacta Bioscience products
- Industry-leading production practices unique to Prolacta Bioscience

“Given the sheer diversity of HMOs naturally present in human milk, it is inconceivable that 1 or 2 synthetic homologs of HMOs added to infant formula could mimic the multitude of benefits ascribed to naturally occurring and evolutionarily selected HMOs.”

Dr. Victoria Niklas
Vice President of Innovation and Medical Communication
Prolacta Bioscience

Interested in learning more about supporting your preterm patients with an exclusive human milk diet containing a wide spectrum of HMOs?

Call 1-888-PROLACT (1-888-776-5228) or visit www.Prolacta.com/HMOs


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