

# 2018 SELECTION GUIDE

Pediatric Nutritional Products



# Decision tree – Helping you choose an appropriate product for your patient

Product Categories	Features and Indications	Products												
Preterm Infants	Fortification options	<table border="1"> <tr> <td>Human milk fortifier</td> <td>Sterile liquid (<i>Unique to Abbott Nutrition</i>)</td> <td>Similac® Human Milk Fortifier Special Care® 30 Omega-3 and Omega-6</td> </tr> <tr> <td></td> <td>Powder</td> <td>Similac® Human Milk Fortifier</td> </tr> <tr> <td colspan="2">A commercially sterile, extensively hydrolyzed liquid protein modular suitable for fortification of human milk or infant formula (<i>Unique to Abbott Nutrition</i>)</td> <td>LiquiProtein™</td> </tr> </table>	Human milk fortifier	Sterile liquid ( <i>Unique to Abbott Nutrition</i> )	Similac® Human Milk Fortifier Special Care® 30 Omega-3 and Omega-6		Powder	Similac® Human Milk Fortifier	A commercially sterile, extensively hydrolyzed liquid protein modular suitable for fortification of human milk or infant formula ( <i>Unique to Abbott Nutrition</i> )		LiquiProtein™			
	Human milk fortifier	Sterile liquid ( <i>Unique to Abbott Nutrition</i> )	Similac® Human Milk Fortifier Special Care® 30 Omega-3 and Omega-6											
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A commercially sterile, extensively hydrolyzed liquid protein modular suitable for fortification of human milk or infant formula ( <i>Unique to Abbott Nutrition</i> )		LiquiProtein™												
Formulas	For preterm infants requiring higher amounts of protein and select vitamins and minerals to promote development and catch-up growth.	<table border="1"> <tr> <td>Standard</td> <td></td> <td>Similac® Special Care® 20 Omega-3 and Omega-6</td> </tr> <tr> <td>Hypercaloric</td> <td></td> <td>Similac® Special Care® 24 Omega-3 and Omega-6</td> </tr> <tr> <td>Hypercaloric, high protein</td> <td></td> <td>Similac® Special Care® 24 High Protein Omega-3 and Omega-6</td> </tr> <tr> <td>Post-discharge formula, 0-12 months corrected age</td> <td></td> <td>Similac® Neosure®</td> </tr> </table>	Standard		Similac® Special Care® 20 Omega-3 and Omega-6	Hypercaloric		Similac® Special Care® 24 Omega-3 and Omega-6	Hypercaloric, high protein		Similac® Special Care® 24 High Protein Omega-3 and Omega-6	Post-discharge formula, 0-12 months corrected age		Similac® Neosure®
Standard		Similac® Special Care® 20 Omega-3 and Omega-6												
Hypercaloric		Similac® Special Care® 24 Omega-3 and Omega-6												
Hypercaloric, high protein		Similac® Special Care® 24 High Protein Omega-3 and Omega-6												
Post-discharge formula, 0-12 months corrected age		Similac® Neosure®												
Term Infants	Standard, cow's milk-based formulas	For initial or supplemental feeding.	<table border="1"> <tr> <td rowspan="3">0+ months Non-GMO<sup>†</sup></td> <td>DHA, lutein, vitamin E,<sup>‡</sup> and GOS</td> <td>Similac® Advance® Step 1 Non-GMO<sup>†</sup></td> </tr> <tr> <td>Standard</td> <td>Similac® Step 1 Non-GMO<sup>†</sup></td> </tr> <tr> <td>Lower iron</td> <td>Similac® Lower Iron Step 1 Non-GMO<sup>†</sup></td> </tr> </table>	0+ months Non-GMO <sup>†</sup>	DHA, lutein, vitamin E, <sup>‡</sup> and GOS	Similac® Advance® Step 1 Non-GMO <sup>†</sup>	Standard	Similac® Step 1 Non-GMO <sup>†</sup>	Lower iron	Similac® Lower Iron Step 1 Non-GMO <sup>†</sup>				
		0+ months Non-GMO <sup>†</sup>	DHA, lutein, vitamin E, <sup>‡</sup> and GOS		Similac® Advance® Step 1 Non-GMO <sup>†</sup>									
			Standard		Similac® Step 1 Non-GMO <sup>†</sup>									
	Lower iron		Similac® Lower Iron Step 1 Non-GMO <sup>†</sup>											
	For use in infants 6 months and older as they transition to solid foods.	<table border="1"> <tr> <td rowspan="2">6-24 months Non-GMO<sup>†</sup></td> <td>DHA, lutein, vitamin E,<sup>‡</sup> and GOS</td> <td>Similac® Advance® Step 2 Non-GMO<sup>†</sup></td> </tr> <tr> <td>Standard</td> <td>Similac® Step 2 Non-GMO<sup>†</sup></td> </tr> </table>	6-24 months Non-GMO <sup>†</sup>	DHA, lutein, vitamin E, <sup>‡</sup> and GOS	Similac® Advance® Step 2 Non-GMO <sup>†</sup>	Standard	Similac® Step 2 Non-GMO <sup>†</sup>							
	6-24 months Non-GMO <sup>†</sup>	DHA, lutein, vitamin E, <sup>‡</sup> and GOS		Similac® Advance® Step 2 Non-GMO <sup>†</sup>										
		Standard	Similac® Step 2 Non-GMO <sup>†</sup>											
For infants with symptoms of lactose intolerance such as fussiness, gas, and/or diarrhea. <sup>1</sup>	0+ months Non-GMO <sup>†</sup>	Similac® Sensitive® Lactose Sensitivity Step 1 Non-GMO <sup>†</sup>												
Partially hydrolyzed whey formula	For initial or supplemental feeding.	0+ months Non-GMO <sup>†</sup>	Similac® Partially Broken Down Protein Step 1 Non-GMO <sup>†</sup>											
Soy-based formulas	For infants: - with IgE-mediated cow's milk allergy where tolerance to soy has been established; <sup>2,3</sup> - whose parents wish to provide a non-milk-based formula.	0+ months Non-GMO <sup>†</sup>	<table border="1"> <tr> <td>DHA and ARA</td> <td>Similac® Isomil® Step 1 with DHA</td> </tr> <tr> <td>Standard</td> <td>Similac® Isomil® Step 1 Non-GMO<sup>†</sup></td> </tr> </table>	DHA and ARA	Similac® Isomil® Step 1 with DHA	Standard	Similac® Isomil® Step 1 Non-GMO <sup>†</sup>							
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Standard	Similac® Isomil® Step 1 Non-GMO <sup>†</sup>													
Hypercaloric formula	For infants with increased caloric needs.	0+ months	Similac® 24 Omega-3 and Omega-6											
Hypoallergenic, extensively hydrolyzed formulas	For infants with allergy or sensitivity to intact protein (cow's milk or soy).	0+ months	<table border="1"> <tr> <td>DHA and ARA</td> <td>Similac® Alimentum® (with DHA)</td> </tr> <tr> <td>Standard</td> <td>Similac® Alimentum®</td> </tr> </table>	DHA and ARA	Similac® Alimentum® (with DHA)	Standard	Similac® Alimentum®							
DHA and ARA	Similac® Alimentum® (with DHA)													
Standard	Similac® Alimentum®													
Toddlers and Children 1-13 years of age	Nutritional supplement	To help support growth and development and complement the nutrition of toddlers 12 to 36 months.	12-36 months Non-GMO <sup>§</sup>	DHA, lutein, <sup>§</sup> vitamin E <sup>‡</sup>	Go & Grow by Similac™ Step 3									
	Nutritional supplement	For children who require a nutritional supplement due to feeding difficulties, poor intake, or appetite suppression.	For oral use only – not for tube feeding.		PediaSure Complete® Grow & Gain™									
	Sole-source nutrition or supplement	For children with increased nutrient needs, who are malnourished or failing to thrive, or at risk for such conditions.	For oral or tube feeding use.	<table border="1"> <tr> <td>Standard</td> <td>PediaSure®</td> </tr> <tr> <td>Fibre</td> <td>PediaSure® Fibre</td> </tr> <tr> <td>Hypercaloric, fibre</td> <td>PediaSure® Plus (with fibre)</td> </tr> </table>	Standard	PediaSure®	Fibre	PediaSure® Fibre	Hypercaloric, fibre	PediaSure® Plus (with fibre)				
	Standard	PediaSure®												
Fibre	PediaSure® Fibre													
Hypercaloric, fibre	PediaSure® Plus (with fibre)													
Specialized peptide-based ready-to-drink formula. Sole-source nutrition or supplement.	For children with gastro-intestinal (GI) disease and/or experiencing GI symptoms such as: abdominal pain, diarrhea, constipation, nausea, and vomiting.	<b>Great taste.</b> For oral or tube feeding use.		PediaSure® Peptide 1 Cal										
Specialty Products	Oral rehydration solutions	Specially formulated to help prevent dehydration by restoring nutrients lost during diarrhea and vomiting in infants, children, and adults.	For oral or tube feeding use.	PreActiv™ prebiotics	PediaLyte® AdvancedCare™									
	Waters	For initial or supplemental feeding.	For oral or tube feeding use.		PediaLyte® & PediaLyte® powder sachets									
	No added carbohydrate, soy-based, iron-fortified infant formula	For patients unable to tolerate the type or amount of carbohydrate in milk or conventional infant formulas, or with seizure disorders requiring a ketogenic diet.	For oral use only – not for tube feeding.		Similac® 5% Glucose Water									
		For oral or tube feeding use.		Similac® Sterilized Water										
				RCF®										

† Ingredients not genetically engineered. ‡ RRR- $\alpha$ -tocopherol, provided as D- $\alpha$ -tocopheryl acetate, the most bioactive form of vitamin E. § Powder format only.

1. Lasekan JB et al. Lactose-Free Milk Protein-Based Formula: Impact on Growth and Gastrointestinal Tolerance in Infants. *Clin Pediatr* 2011;50(4):330-7. 2. Leung A, Otley A. Canadian Paediatric Society: Nutrition and Gastroenterology Committee. Concerns for the use of soy-based formulas in infant nutrition. *Paediatr Child Health* 2009;14(3):109-13. [Reaffirmed: February 1, 2016]. 3. Nutrition for Healthy Term Infants: Recommendations From Birth to Six Months: A joint statement from Health Canada, Canadian Paediatric Society, Dietitians of Canada, and Breastfeeding Committee for Canada. Last modified in August 2015. Available at <http://www.hc-sc.gc.ca/fn-an/nutrition/infant-nourisson/recom/index-eng.php>. Accessed in December 2015.

ARA = Arachidonic acid; DHA = Docosahexaenoic acid; GOS = Galactooligosaccharides.

	Recommended Age	Energy Cal/100 mL (Cal/30 mL)	Fat g/100 mL	Protein g/100 mL	Carbs g/100 mL	Iron mg/100 mL	Calcium mg/100 mL	Vit D IU/100 mL	Water g/L	Features and Benefits	Availability Powder	Concentrated Liquid	Ready to Use	Ready to Use Hospital Feeding System (HFS)
<b>PRETERM INFANTS</b>														
Similac® Human Milk Fortifier Special Care® 30 Omega-3 and Omega-6	Preterm or LBW	101 (30)	6.70	3.0	7.8	1.8	183	152	850	When mixed 1:1 with human milk, provides 25 Cal/30 mL. Sterile liquid formulation. DHA- and ARA-enriched.	N/A	N/A	N/A	Ready to mix: 59 mL, 48/case (660305871)*
Similac® Human Milk Fortifier	Preterm or LBW	3.5 Cal/packet	0.09 g/packet	0.25 g/packet	0.45 g/packet	0.08 mg/packet	29.3 mg/packet	30 IU/packet	867 (50 mL preterm HM + 1 packet)	Intended as a nutritional supplement to add to human milk.	0.9-g packets, 3x50/case (54598934)	N/A	N/A	N/A
LiquiProtein™	Preterm	67 (4 Cal/6 mL)	0	1 g/6 mL	0	0	0	0	810 (5 g/6 mL)	A commercially sterile, extensively hydrolyzed liquid protein fortifier. Allows for customized protein concentration of human milk or infant formula feedings.	N/A	N/A	N/A	Ready to mix: 54 mL, 48/case (62317X31)*
Similac® Special Care® 20 Omega-3 and Omega-6	Preterm	68 (20)	3.65	2.04	7.0	1.2	122	102	900	Higher amounts of protein and select vitamins and minerals than term infant formulas. DHA- and ARA-enriched.	N/A	N/A	N/A	59 mL, 48/case (66303871)*
Similac® Special Care® 24 Omega-3 and Omega-6	Preterm	81 (24)	4.35	2.43	8.36	1.5	146	122	880	Higher amounts of protein and select vitamins and minerals than term infant formulas. Hypercaloric, DHA- and ARA-enriched.	N/A	N/A	N/A	59 mL, 48/case (66306871)*
Similac® Special Care® 24 High Protein Omega-3 and Omega-6	Preterm	81 (24)	4.34	2.67	8.10	1.5	146	122	880	Higher amounts of protein and select vitamins and minerals than term infant formulas. Hypercaloric, DHA- and ARA-enriched.	N/A	N/A	N/A	59 mL, 48/case (66302871)*
Similac® Neosure®	Preterm, 0-12 months corrected age	74.4 (22)	4.1	2.1	7.5	1.3	78	52	890	Higher amounts of protein and select vitamins and minerals than term infant formulas. DHA- and ARA-enriched.	363 g, 6/case (57430718)	N/A	N/A	59 mL, 48/case (66304871)*
<b>TERM INFANTS</b>														
Similac® Advance® Step 1 Non-GMO <sup>†</sup>	0+ months	68 (20)	3.74	1.4	7.3	1.2	53	40.5	901	Exclusive blend of DHA, lutein, and vitamin E.	227 g, 6/case (64994322) 658 g, 6/case (6499230B)	385 mL, 12/case (66333510)	235 mL, 16/case (64995899) 235 mL, 4x6/case (64997825) 945 mL, 6/case (66349309)	59 mL, 8x6/case (66308871)
Similac® Advance® Step 2 Non-GMO <sup>†</sup>	6-24 months	68 (20)	3.74	1.4	7.4	1.2	80	40.5	901	Calcium-enriched to support growing bones. Exclusive blend of DHA, lutein, and vitamin E.	658 g, 6/case (6499130B)	385 mL, 12/case (66336510)	N/A	N/A
Similac® Step 2 Non-GMO <sup>†</sup>	6-24 months	68 (20)	3.53	1.3	7.6	1.1	72	31	901	Calcium-enriched to support growing bones.	850 g, 6/case (0S252301)	N/A	N/A	N/A
Similac® Step 1 Non-GMO <sup>†</sup>	0+ months	68 (20)	3.53	1.3	7.6	1.1	47	31	901	Milk-based term infant formula.	850 g, 6/case (0S250301)	N/A	N/A	N/A
Similac® Lower Iron Step 1 Non-GMO <sup>†</sup>	0+ months	68 (20)	3.53	1.3	7.6	0.85	47	31	901	Lower iron content than Similac® Step 1 Non-GMO. <sup>†</sup>	850 g, 6/case (0S225301)	N/A	N/A	N/A
Similac® Partially Broken Down Protein Step 1 Non-GMO <sup>†</sup>	0+ months	67.6 (20)	3.65	1.60	7.13	1.01	71	40.5	900	100% whey protein that has been partially hydrolyzed. DHA- and ARA-enriched.	638 g, 6/case (6635030C)	N/A	N/A	N/A
Similac® Sensitive® Lactose Sensitivity Step 1 Non-GMO <sup>†</sup>	0+ months	68 (20)	3.68	1.47	7.24	1.20	58	40	901	For symptoms of lactose intolerance such as fussiness, gas, and/or diarrhea. <sup>†</sup>	638 g, 6/case (6499830C)	385 mL, 12/case (66338510)	N/A	59 mL, 48/case (62178871)*
Similac® Isomil® Step 1 with DHA	0+ months	68 (20)	3.5	1.62	7.10	0.68	63	34	901	Soy-based. Cow's milk protein free. DHA- and ARA-enriched.	800 g, 6/case (0S571353)	N/A	N/A	59 mL, 48/case (62177871)*
Similac® Isomil® Step 1 Non-GMO <sup>†</sup>	0+ months	68 (20)	3.7	1.66	7.0	1.2	70	40	901	Soy-based. Cow's milk protein free.	800 g, 6/case (0L208353)	N/A	N/A	N/A
Similac® 24 Omega-3 and Omega-6	0+ months	81 (24)	4.46	1.68	8.58	1.46	64	42	884	Hypercaloric.	N/A	N/A	N/A	59 mL, 48/case (66307871)*
Similac® Alimentum® (with DHA)	0+ months	68 (20)	3.80	1.86	6.80	1.2	71	41	892	Hypoallergenic, extensively hydrolyzed. DHA- and ARA-enriched.	400 g, 6/case (57077340)	N/A	N/A	59 mL, 48/case (59738871)*
Similac® Alimentum®	0+ months	68 (20)	3.75	1.86	6.9	1.2	71	30	900	Hypoallergenic, extensively hydrolyzed.	N/A	N/A	237 mL, 6x4/case (58266941)	N/A
<b>TODDLERS AND CHILDREN</b>														
Go & Grow by Similac™ Step 3	12-36 months	77 (322)	3.5	3	7.8	1.1	118	25	900	Nutritional supplement. Provides key nutrients such as protein, iron, calcium, and our exclusive blend of DHA, lutein <sup>†</sup> , and vitamin E. <sup>†</sup> Powder format only.	31.2-g sachets, 60/case: Milk (0S918686) 850-g cans, 6/case: Milk (0S918301) Vanilla (0S917301)	N/A	235-mL bottles, 4x6/case: Vanilla (66699848)	N/A
PediaSure® Grow & Gain™	1-13 years	100 (30)	3.3	4.0	14.0	1.0	106	10.2	830	Nutritional supplement. Contains 1 g of scFOS per 237 mL. DHA- and ARA-enriched.	N/A	N/A	235-mL bottles, 4x4/case: Vanilla (62491526) Strawberry (62831526) Chocolate (62490526)	N/A
PediaSure®	1-13 years	100 (30)	5.0	3.0	11	1.4	97	32	854	Sole-source nutrition or supplement.	N/A	N/A	235-mL cans, 12/case: Vanilla (62200570) Strawberry (62236570) Chocolate (62196570)	N/A
PediaSure® Fibre	1-13 years	100 (30)	5.0	3.0	11	1.4	97	32	854	Sole-source nutrition or supplement. Provides 1.1 g of dietary fibre per 235 mL.	N/A	N/A	235-mL cans, 12/case: Vanilla (62197570)	N/A
PediaSure® Plus (with fibre)	1-13 years	150 (45)	7.47	4.20	17.7	1.4	90	45	778	Sole-source nutrition or supplement. Increased nutrient density provides more calories in less volume. Provides 1.76 g of dietary fibre and 0.82 g of scFOS per 235 mL.	N/A	N/A	235-mL cans, 12/case: Vanilla (62244570)	N/A
PediaSure® Peptide 1 Cal	1-13 years	100 (30)	4	3	13	1.4	106	53	844	Sole-source nutrition or supplement. Peptide-based, 70% whey-dominant protein blend. 50% of fat as MCT. Contains 1g of scFOS per 237 mL.	N/A	N/A	237-mL bottles, 24/case: Vanilla (62119825)	N/A
<b>SPECIALTY PRODUCTS</b>														
Pedialyte®	All ages	10 (42)	0	0	2.5	0	0	0	978	Oral rehydration solution.	N/A	N/A	1 L, 8/case: Unflavoured (66467803) Grape (66469803) Fruit (66468803)	Unflavoured, 59 mL, 48/case (50851871)*
Pedialyte® AdvancedCare™	All ages	7 (29.3)	0	0	1.6	0	0	0	970	The only oral rehydration solution with PreActiv™ prebiotics and zinc.	N/A	N/A	1 L, 8/case: Cherry Punch (66470803) Blue Raspberry (66471803)	N/A
Pedialyte® powder sachets	All ages	9 (38)	0	0	2.3	0	0	0	970	Oral rehydration solution.	8 x 8.5-g sachets, 8/case: Apple (66474793) Fruit Punch (66473793)	N/A	N/A	N/A
Pedialyte® freezer pops	All ages	10 (42)	0	0	1.6	0	0	0	973	Oral rehydration solution.	N/A	N/A	Freezer Pops Variety Pack, 8x16/case: (00245189)	N/A
Similac® 5% Glucose Water	0+ months	20 (7)	0	0	5	0	0	0	966	For initial or supplemental feeding.	N/A	N/A	N/A	59 mL, 48/case (51002871)*
Similac® Sterilized Water	0+ months	0	0	0	0	0	0	0	1000	For initial feeding.	N/A	N/A	N/A	59 mL, 48/case (51000871)*
RCF®	0+ months	81 (24)	7.2	4.0	0.07	2.4	140	81	880	No added carbohydrate, soy-based, iron-fortified infant formula.	N/A	384 mL, 12/case (00108B12)*	N/A	N/A

For products for which more than one format exists, nutrient information is based on powdered product prepared to standard dilution. Please refer to the product label for the most current information. † Ingredients not genetically engineered. †† Product available by request at retail; contact Abbott Nutrition for details and conditions. Rx Prescription required for purchasing at retail.

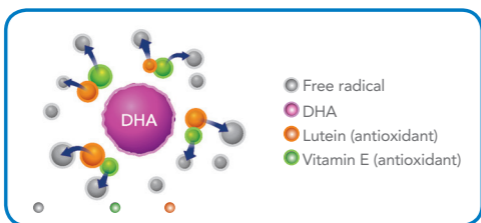
1. Lasekan JB et al. Lactose-Free Milk Protein-Based Formula: Impact on Growth and Gastrointestinal Tolerance in Infants. *Clin Pediatr* 2011;50(4):330-7. ARA = Arachidonic acid; DHA = Docosahexaenoic acid; GOS = Galactooligosaccharides; HM = Human milk; LBW = Low birth weight; MCT = Medium-chain triglycerides; N/A = Not applicable; scFOS = Short-chain fructooligosaccharides.

THE ONLY FORMULA WITH AN EXCLUSIVE BLEND OF DHA, LUTEIN, AND VITAMIN E<sup>‡</sup>

**DHA** is an omega-3 fat found in breast milk, that supports the normal physical development of the brain and eyes.<sup>1</sup> DHA is susceptible to damage from oxidation which is why breast milk and the infant brain and eyes also contain antioxidants, such as lutein and vitamin E, which help protect lipids, like DHA, from oxidation.<sup>2-8</sup>

**LUTEIN** is an antioxidant found in breast milk and **concentrated in the baby's brain and eyes**. Recent studies show that lutein may have a role in visual and cognitive development in infants.<sup>3</sup> Similac® Advance® is the only infant formula with lutein.<sup>¥</sup>

**VITAMIN E** is an antioxidant found in breast milk, but not all vitamin E is the same.<sup>8-10</sup> Similac® Advance® exclusively uses a form of naturally occurring vitamin E<sup>‡</sup>, the most abundant type found in breast milk and in the infant brain.<sup>8,11</sup>



1. Canadian Food Inspection Agency. Health Claims - Nutrient Function Claims. Updated July 2016. Accessed April 2017.
2. Cetin I, Berti C, Calabrese S. *Hum Reprod Update* 2010;16:80-95.
3. Harris M. *Vitam Trace Elem* 2013;2(2):1-2.
4. Zimmer JP et al. *Clin Ophthalmol* 2007;1:25-35.
5. Krinsky NI et al. *Ann Rev Nutr* 2003;23:171-201.
6. Vishwanathan R et al. *JPGN* 2014;59(5):659-65.
7. Johnson EJ. *Nutrition Reviews* 2014;72(9):605-12.
8. Moulton C et al. Natural vitamin E (RRR-alpha-tocopherol) is the predominant vitamin E stereoisomer in human milk. Abstract 2013.
9. Stone WL et al. *Am J Clin Nutr* 2003;77:899-906.
10. Institute of Medicine. Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium and Carotenoids. National Academy of Sciences. 2000.
11. Kuchan MJ et al. *Br J Nutr* 2016;116:126-31.

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<sup>‡</sup> RRR- $\alpha$ -tocopherol, provided as d- $\alpha$ -tocopheryl acetate, the most bioactive form of vitamin E.

<sup>¥</sup> Excluding inherent sources.